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War Contract Termination Rules—Page 3

Oil, Paint and Drug Reporter

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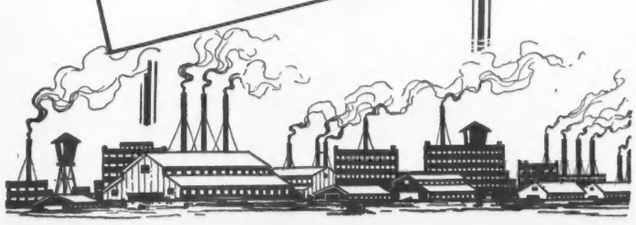

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Oil, Paint and Drug Reporter

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Hazardous Articles Transport Rules Set

OPD Washington Bureau

New rules governing the transportation of explosives and other dangerous articles by private motor carriers engaged in interstate or intrastate trade which are to supersede and simplify the rules heretofore in effect have been prepared for issuance November 12 by the Interstate Commerce Commission unless suspended for hearings prior to that date.

The new regulations are tentative and are now undergoing examination by the traffic departments of affected companies in the chemical industry. Indications are that the rules are generally satisfactory to the industry and may be permitted to become effective after possible minor changes without hearing by the commission.

Probably the most important revision contemplated is the elimination of the requirement that the private carriers be subject to the regulations governing contract carriers with respect to labels, marking on containers, shipping papers, receipts, certification of packages and way-bills. It has been proposed to the commission that the private carriers be exempt from

—*Continued on page 45*

Fertilizer Industry Fights Rail Rate Increase

OPD Washington Bureau

Petition of the railroads that the general freight rate increase authorized them in 1942 by the Interstate Commerce Commission, but since in suspension, be now allowed to go into effect is being strongly opposed by the fertilizer industry at hearings now in progress before the commission.

Taking the position that higher freight rates on movements of fertilizers and the ingredients that go into their manufacture will do the railroads more harm than good, Charles J. Brand, executive secretary and treasurer of the National Fertilizer Association urged that the petition of the carriers not only be denied, but that as to fertilizers and fertilizer materials the suspension of the proposed increased rates be made permanent.

Mr. Brand pointed out to the commission that the fertilizer industry has but one customer—the farmer—and unless agriculture prospers the fertilizer industry cannot thrive. Sales

—*Continued on page 45*

Calif. Fertilizer Ass'n To Meet November 9

The annual meeting of the California Fertilizer Association will be held in Los Angeles, California, November 9, at the Biltmore Hotel. The morning session will be under the auspices of the Bureau of Chemistry of the State Department of Agriculture. Its purpose is discussion of problems in connection with the administration of the fertilizing materials article of the Agricultural Code of California.

The program follows:—

"Report of the Year," Dr. Alvin J. Cox, chief, Bureau of Chemistry.

"Use of Industrial Organic Waste on Orchards and Vineyards," Dr. E. L. Proebsting, University of California.

"Problems in Fertilization of Field Crops," Dr. John P. Conrad, University of California.

"Regulatory Chemistry for Better Citrus Production"—Color film by Bureau of Chemistry, Allen B. Lemmon, Bureau of Chemistry.

Ken Morrison Joins Davison Chemical

Kenneth Morrison, long identified with the potash industry, has joined the Davison Chemical Corporation, Baltimore. He will manage the potash division for the company in the place of W. C. Geoghegan, senior vice-president, who has been ill for some time.

Research Director

Lyle M. Geiger, who has been serving as acting director of research for the Neville Company, Pittsburgh, Pa., for the past year and a half has been appointed director of research.

Petroleum Research Fund Set Up by A.C.S.

Creation of a trust under which the Guaranty Trust Company, New York, is trustee of securities of the Universal Oil Products Company of Chicago for the benefit of the American Chemical Society has been announced. The trust, known as the Petroleum Research Fund, was set up to administer the gift made by a leading research and development enterprise of the country.

The management and operation of the Universal Oil Products Company will be under the direction of a board of directors to be appointed by the Guaranty Trust Company, New York, as trustee. The net profits from the Universal Oil Products Company will flow to the American Chemical Society to be used for purposes of research in the petroleum and natural gas field.

The society will have no obligation insofar as the management of Universal Oil Products Company is concerned.

International Business Conference Nov. 10-18

Eric A. Johnston, president of the Chamber of Commerce of the United States and member of the sponsoring committee of the International Business Conference, has announced that representative groups of outstanding business personalities from United States and neutral nations will attend this worldwide gathering at the Westchester Country Club, Rye, N. Y., November 10-18, to discuss postwar world trade and commerce.

Topics on the conference agenda will be wholly international in scope. While the scores of delegates will develop the full scope of their own discussions, subjects so far suggested include:—

Commercial policy of nations; currency relations among nations; industrialization in new areas; transportation and communication; raw materials; cartels, and encouragement and protection of investments.

International Acetylene Ass'n Officers Elected

Glenn O. Carter, of the Linde Air Products Company, a unit of Union Carbide & Carbon Corporation, New York, has been elected president of the International Acetylene Association. Other officers elected were:—Vice-president, R. B. Swope, president of the Southern Oxygen Company, Washington; treasurer (re-elected), Philip Kearny and re-elected secretary, H. F. Reinhard.

Contract Termination Rules Get Army-Navy Approval

OPD Washington Bureau

A new joint Army-Navy termination regulation covering all aspects of fixed price contract settlements has been completed and is now being distributed, the military services has announced. The JTR supersedes the War Department's Procurement Regulation 15 and replaces the Navy directives on contract termination.

Included in the JTR are new uniform settlement proposal forms applicable for all procurement agencies together with covering cost accounting instructions that constitute a new joint accounting manual. These forms have been greatly simplified, now making it possible to file practically any type of fixed price settlement proposal on one standard form, with accompanying inventory schedules.

In respect to interim financing, the JTR not only outlines the method by which guaranteed termination loans (V, VT and T-loans) may be obtained through the contractors' commercial bank, but also explains the provisions by which partial payments of at least 75 and up to 90 percent of a contractor's estimated costs can be obtained from the government within 30 days of application.

Contractors can now make final settlement with their subcontractors of net claims under $1,000 where the claimant keeps or disposes of all termination inventory. The problem of plant clearance has also been made easier by a provision that makes it possible for any contractor in the tier above to approve disposal, without further government review, of the termination inventory of a subcontractor whose claim is under $10,000.

Another new development is pre-termination planning. Under this concept the government would plan with the contractor to meet many of the important problems of inevitable termination while the contract is still in force, and well in advance of the day when it will run to completion or be terminated. Depending on the circumstances, the government and the contractor might agree beforehand on items such as the proper overhead charges to be made against the terminated portion of the contract, the unit cost of a contractor's inventory at various stages of manufacture, the manner in which this inventory would be disposed of and the price that

—*Continued on page 45*

Seubert to Retire From Indiana Standard

Edward G. Seubert, president of Standard Oil Company of Indiana, will retire from the presidency January 1, after more than 52 years of service. He will remain a director and become chairman of the board's executive committee.

A. W. Peake, at present a vice president, will become president and his post will be filled by F. O. Prior, now president of Stanolind Oil & Gas Company, an oil-producing subsidiary. Mr. Prior also will be chairman of the board of Stanolind Gas & Oil, Stanolind Pipe Line Company and Stanolind Oil Purchasing Company.

Robert E. Wilson, now president of Pan American Petroleum & Transport Company, will become chairman of the board and chief executive officer of Standard Oil of Indiana. In addition he will take over Mr. Seubert's responsibilities as chairman of the board of Pan American, Standard's eastern subsidiary.

Carbon Black Export Association to Be Probed

The Federal Trade Commission has ordered an investigation under the Export trade act, to determine whether Carbon Black Export, Inc., New York, and its officers, directors and stockholder-members have entered into agreements and engaged in restraint-of-trade practices in violation of law.

Carbon Black Export, Inc., is registered with the commission as an association which engages solely in the export of carbon black, a product used principally in the manufacture of automobile tires and also in making inks, paints and lacquers and plastics.

The Export trade act authorizes the organization of cooperative associations in export trade and requires that they file with the commission copies of their organization papers and current reports as to their operations. Under the terms of the act, such an association shall be engaged solely in export trade and shall not restrain the trade of a domestic competitor,

—*Continued on page 42*

RFC Contract Settlement Committee Formed

OPD Washington Bureau

Establishment of an RFC Contract Settlement Committee to supervise the termination activities of the affiliated corporations of the Reconstruction Finance Corporation to insure prompt and equitable settlement of terminated contracts was announced October 28 by Charles B. Henderson, chairman of the RFC.

The committee is composed of Mr. Henderson (chairman); Charles T. Fisher, jr., director of the Metals Reserve Company; Sam B. Husbands, president of the Defense Plant Corporation; H. A. Mulligan, president of the Defense Supplies Corporation; and H. J. Klossner, president of the Rubber Reserve Company.

Other duties of the committee are to maintain close contact with the Office of Contract Settlement and submit to this office all problems of the companies which involve policies of major importance to the government

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Contractors Slow In Submitting Claims

OPD Washington Bureau

Failure of individual contractors to submit their claims to the War Department is responsible for the delay of settlement of many of the contracts which have been terminated, the Department said November 2 in urging that contractors, when their contracts have been ended, to submit their claims for settlement promptly. To date the department has terminated more than 28,000 war contracts and of this total all but 4,000 have been settled.

The department pointed out that there is a certain amount of preliminary work necessary on the part of a contractor before his claim against the government is ready for submission, and in a series of cartoons depicting these steps the department is endeavoring to increase the awareness of the need for taking preparatory steps as the tempo of contract termination increases.

The department lists the following as among the more important steps, coming under the head of Pre-Ter-

—*Continued on page 58*

Army Medical Contract Termination Forms Sent

The Army Medical Purchasing Office, 52 Broadway, New York, is sending the contractors of the Medical Department revised forms for the submission of contractors' claims for the termination of contracts. The forms are Nos. 1, 1A, 1B, 2A, 2B, 2C, 2D and 3.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Nov. 3, 1944	Oct. 27, 1944	Nov. 5, 1943
136.4	136.7	137.7

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Quietness reigned on in the markets for chemicals, oils, and drugs last week. There was more interest, in conversation at least, in the approaching election and in the expected postwar activities. Price moves were mostly commonplace, but there were cuts in anhydrous ammonia, in some essential oils and botanical drugs, and in castor beans. Crude sardine and menhaden oils got a boost, for a change. The net influence was an appreciable reduction of the general average.

Operating problems were still mainly concerned with manpower. Reconversion problems were beginning to emphasize the same aspect—what to do with manpower no longer needed and how to get that specially required.

DDT Not Recommended For Agricultural Use

OPD Washington Bureau

Pending completion of agricultural research projects now under way, Federal entomologists do not recommend DDT, the war-developed insect killer, for commercial agricultural use, the War Production Board's DDT Producers and the Arsenical Producers Industry Advisory Committees were told at a recent joint meeting, WPB has reported.

WPB officials told the committees that production of DDT is limited because of expanded military programs calling for chlorine and benzine, raw materials required in the manufacture of DDT. Increased military requirements for DDT also make the chemical less available for any civilian needs. However, WPB officials expect that all military requests will continue to be satisfied, and that limited supplies will be available for agricultural experimentation.

P. H. Groggins, chief of the Chemicals and Fertilizers Branch of the War Food Administration, reported that substantial quantities of DDT will be needed to continue experimental and developmental work.

Bids Wanted

Beeswax: — 100 pounds, Purchasing Agent, Post Office Department, Washington (25); invitation 1055, opening November 10.

Ethyl Alcohol:—324 gallons for Beltsville, Md., Division of Purchase, Sales & Traffic, Department of Agriculture, Washington (25); invitation 277-45, opening November 10.

Gelatin: — 8,600 pounds, Procurement Division, Veterans Administration, Washington (25); invitation 52-S, opening November 8.

Laboratory Chemicals:—Division of Purchase, Sales & Traffic, Department of Agriculture, Washington (25); invitation 267-45, opening November 24.

Linseed - replacement Oil: — 600 gallons, Chief, Purchase and Supply Division, Treasury Department, Procurement Division, Fort Worth, Tex.; invitation RT7S-1477, opening November 10.

Lithol Red Toner:—1,200 pounds, Purchasing Agent, Bureau of Engraving & Printing, Washington (25); invitation BEP-367, opening November 7.

Multi-Vitamin Tablets:—5,280,000, Contract Development Section, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-207, opening November 9.

Oil, Salad:—214 gallons, Supply Officer, Veterans Administration Facility, Los Angeles; invitation 45-163, opening November 8.

Oil, Salad:—13,790 gallons, Procurement Division, Veterans Administration, Washington (25); invitation 33-S, opening November 18.

Oleomargarin:—98-176 pounds, Procurement Division, Veterans Administration, Washington (25); invitation 35-S, opening November 20.

White Lead Pigment:—10,000 pounds in oil, Chief, Purchase and Supply Division, P. O. Box 1407, Forth Worth, Texas; invitation RT7S-1477, opening November 10.

Salt, Rock:—40 short tons, Supply Officer, Veterans Administration, Minneapolis, Minn.; invitation 45-80, opening November 8.

Paint Production Club News

An illustrated exposition of the most efficacious methods of disposing of fumes generated in the processes of making protective coatings highlighted the latest dinner-meeting of the New York Paint and Varnish Production Club, held in the Building Trades Employers Association building at 2 Park avenue, New York, November 2, at which the club's officers for the ensuing year were formally installed.

At the installation ceremonies, Frederick M. Damitz, of the National Varnished Products Company, was seated as president; Robert D. Bonney, of Congoleum-Nairn, Inc., as vice-president; Carl L. Englehardt, of the Brooklyn Varnish Manufacturing Company, as secretary, and William J. Greco, of the Socony Paint Products Company, as treasurer. They had all been duly elected at the club's May meeting.

A gift of a handsome desk set was presented to the retiring president, F. Grant Schleicher, of the W. D. Wilson Printing Ink Company, in token of the members' appreciation of his indefatigable and highly efficient services on their behalf within the past year.

Chairmen of standing committees were named for the ensuing year as follows:—Membership, F. Grant Schleicher; Dramatic, Kenneth J. Howe; Resolutions, Edward J. Cole; Publicity, Charles Malizia; Nominations, Guido Henry; Technical, Robert G. Moore, and Program, Robert D. Bonney.

In his address on "Fume Disposal in the Manufacture and Use of Paint and Varnish," the guest speaker, Joseph Jares, industrial engineer of the Brooklyn Union Gas Company, explained the properties of non-volatile varnishes and those of volatile thinners, showing when ignition temperatures and the limits of inflammability are reached. Then, sketching the outlines of factory regulations on the drying of protective coatings, he elucidated the effects of air motion on fume concentration as well as the effects of air circulation on oven-heating efficiency.

After describing the principles of fume disposal by incineration, he illustrated checker brick incineration, the introduction of baffles and the development of the baffle plate incinerator. With stereopticon views, he exhibited a model of a varnish fume incinerator.

Among other methods of fume disposal, Mr. Jares also explained the workings of absorption systems, the water curtain and the application of alkalies, together with activated alumina and silica gel. In conclusion, he sketched possible new developments in fume disposal and the potentialities of fume recovery.

Los Angeles

The Los Angeles Paint and Varnish Production Club elected the following officers at the October meeting:—

President, R. J. Blackington, of the Western States Lacquer Company; vice-president, James Gilman, of the Old Colony Paint & Chemical Company; secretary, John Warner, of the Pittsburgh Plate Glass Company; treasurer, Ed Alford, of the California Flaxseed Products.

Louisville

S. Werthan, of the New Jersey Zinc Company, addressed the October meeting of the Louisville Paint & Varnish Production Club on "Postwar Exterior House Paints." In his discussion Mr. Werthan covered seven major types of pigmentation in a wide range of vehicles.

Montreal

The October meeting of the Montreal Paint and Varnish Production Club was addressed by Dr. J. J. Mattiello, president of the Federation of Paint and Varnish Production Clubs, and J. Wansborough, general manager of the Canadian Paint and Varnish Association.

Ned Lanthier, of the Sherwin-Williams Company, was appointed to head up the technical committee. Harold Marsden was appointed Golf Committee Chairman for the coming year.

Potash Sulphate Supply Helped by WPB, RRC

To meet the needs of tobacco growers for sulphate of potash now in short supply, the War Production Board announces that it is planning to permit fertilizer manufacturers wishing to do so to convert a portion of their allocated muriate of potash to sulphate.

In a further move to ease the sulphate supply, WPB said that the Louisville plant of the Rubber Reserve Company will substitute potassium chloride for sodium chloride in the production of hydrochloric acid and thus make approximately 3,000 tons of potassium sulphate available to the farmer.

The Potash Producers Industry Advisory Committee, which met on the proposal recently, unanimously agreed that all future contracts placed with RRC for the conversion of muriate of potash should contain the following stipulations:

1. The sulphate produced at the Louisville plant will remain the property of the fertilizer manufacturer. Shipments will be made by the potash producer on an f.o.b. basis.

2. Muriate will be converted into potassium sulphate at a cost to the fertilizer manufacturer of 8 cents per unit of K_2O (as sulphate).

3. The potash producer will guarantee that the muriate supplied to RRC possess a minimum content of 60 percent K_2O.

1. Recovery of 97 percent of the potassium oxide (K_2O) in the muriate.

2. A minimum of 48 percent of potassium oxide (K_2O) content in the converted potassium sulphate.

3. Maximum chlorine content not to exceed 1 percent.

Elk Hills Petroleum To Be Sold Next Week

Public sale of crude petroleum from the Elk Hills, Cal., naval reserve is scheduled for 10:00 a.m. P.W.T., November 14 in the office of the District Supply Officer, room 545, Federal Office building, San Francisco. Bids, accompanied by a descriptive statement of the bidder's qualifications, must be filed in advance. Specifications, forms, and other requisite information are obtainable from the Director, Naval Petroleum and Oil Shale Reserves, Navy Department, Washington 25, or the Inspector, Naval Petroleum Reserves, in California, 402 United States Court House, Los Angeles, or the District Supply Officer, Twelfth Naval District, Federal Office building, San Francisco 2.

The maximum production of petroleum covered by the sale is approximately 6,733,260 barrels expected from the shallow zones and 72,560 barrels from the deep zones, the available quantity being subject to speed of development, a maximum daily allotment of 50,000 barrels for the navy, and causes beyond the control of the navy. The principal place of delivery will be the United States Naval Fuel Annex, Elk Hills.

RFC Surplus Chemicals Oct. 15 Total Given

The Reconstruction Finance Corporation had $3,409,025 of surplus chemicals on hand for sale as of October 15 out of a total of $3,907,598 which had been declared surplus to it by various war agencies, according to a tabulation of RFC surplus property released October 28 by the agency.

The difference of $498,573 between the amount on hand and the amount declared surplus represented the cost value of the chemicals sold. The price received — $294,166 — was only slightly in excess of half of the cost value, however. During the fifteen-day period from September 30, $219,759 of chemicals had been declared surplus, of which $57,766 had been sold for $18,927.

Total surplus drugs and medicines on hand October 15 amounted to $92,644, a decline of $15,235 from total acquisitions. The $15,235 of drugs and medicines were sold for $2,585. The RFC received $435 for sales of surplus drugs and medicines having a cost value of $8,828 during the first fifteen days of October.

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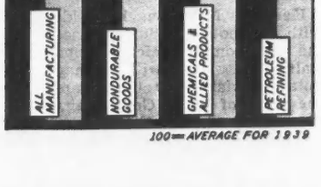
Surplus Property Sales Program Formulated

OPD Washington Bureau

A national selling program of surplus property has been announced by Russell C. Duncan, deputy in charge of sales and merchandising of Treasury's Office of Surplus Property No longer will it be necessary for persons to contact each of the eleven regions of the country to determine what surpluses are available because information on all large quantities of goods will be available right "next door" to each regional office.

Business in August



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Obituaries

Dr. Thomas Midgley, Jr.

Dr. Thomas Midgley, jr., internationally known for his discovery of tetraethyl lead, was found dead in bed in his home in Worthington, near Columbus, Ohio, November 2. He was fifty-five years of age. Dr. Midgley, who lost the use of legs following an attack of infantile paralysis in 1940, apparently had been accidentally strangled to death by a harness he had designed to help him get in an

Dr. Thomas Midgley, Jr.

out of bed. He was fifty-five years of age.

Born in Beaver Falls, Pa., Dr. Midgley received his preparatory education in the public schools of Ohio and at Betts Academy, Stamford, Conn. After graduating from Cornell University in 1911 with a degree of M.E., Dr. Midgley entered the employ of the National Cash Register Company, Dayton, Ohio, later joining his father, Thomas Midgley, a native of England, in automobile car development, which led to the establishment of the Midgley Tire & Rubber Company, Lancaster, Ohio. In 1916 he became associated with Charles F. Kettering in various capacities, including the organization of General Motors Research Corporation with which he has since been connected. Dr. Midgley's discovery in 1922 of tetraethyl lead as an antiknock agent was made after he and his colleagues in the General Motors Research Laboratories had tried more than 33,000 different chemical compounds without success.

Dr. Midgley, a holder of more than one hundred patents, was credited with the discovery of the use of dichlorodifluromethane, marketed commercially as "Freon," as a refrigerant for both commercial and domestic refrigerators and air-conditioning systems; a method of recovering bromine from sea water and the Midgley indicator, first satisfactory device for determining what took place inside high-speed internal combustion engines.

Dr. Midgley was the recipient of the Priestley Medal of the American Chemical Society, the Willard Gibbs Medal of the society's Chicago Section, the William H. Nichols Medal of the society's New York Section, the Perkin Medal of the society of Chemical Industry and the Longstreth Medal. He was both president and chairman of the board of directors of the American Chemical Society, and was the first to occupy these two posts at the same time. He was vice-president of Ethyl Gasolene Corporation and vice-president of Kinetic Chemicals, Inc. He was also vice-president of Ohio State University Research Foundation, and which university honored him with a degree of Doctor of Science.

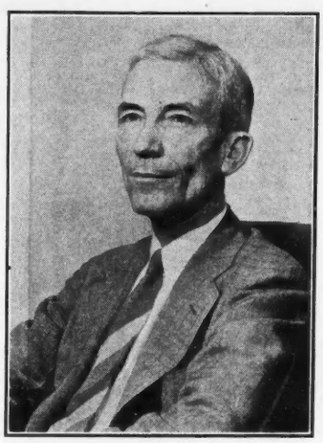
Surviving are his wife, a daughter an a son.

Dr. E. F. Kelly

Evander Francis Kelly, Phar. D., Sc. D., secretary of the American Pharmaceutical Association and chairman of the Board of Trustees of the United States Pharmacopeia, died October 27 in his home in Texas, Md. He had been ill but a few weeks and he was sixty-five years old.

Dr. Kelly was born in Carthage, N. C., son of John Evander and Penelope Kelly; his father was an educator. He became associated with the drug industry in 1899 when he became employed in a drug store in Green Cove Springs, Fla. Later he attended the Maryland College of Pharmacy, where he got his Phar. D. degree in 1902. He remained at the college as, successively, instructor, associate professor, professor, and dean until 1926 when he became secretary of the American Pharmaceutical Association, retaining his collegiate connection as advisory dean. In the association, he was a vice-chairman of the house of delegates in 1918 and 1919, chairman of the house from 1920 to 1923, and treasurer of the association from 1922 to 1926.

Dr. Kelly had a technical position with Sharp & Dohme, pharmaceutical manufacturer, Baltimore, from 1902 to 1911 and served that company in a consulting capacity until 1918. He was a delegate to the U.S.P. conventions in 1910, 1920, 1930, and 1940, a member of the revision committee for 1920 and 1930. He became a member of the board of trustees in 1930 and was elected chairman in 1940. From 1926 to 1934 he was secretary-treasurer of the National Drug Trade Con-



Dr. E. F. Kelly

ference. He was secretary of the Maryland Pharmaceutical Association from 1907 to 1942, when he became secretary emeritus. He was an organizer of the American Council of Pharmaceutical Education in 1932 and later served as its president. In 1921 he was vice-president of the American Association of Colleges of Pharmacy. In NRA days he was secretary-treasurer of the National Drug Code Authority.

Temple University gave Dr. Kelly the honorary degree of doctor of science in 1933. In that same year he was awarded the Remington Medal. He was professor of chemistry in the University of Maryland School of Dentistry from 1916 to 1922 and he became lecturer in pharmacy at Johns Hopkins School of Medicine in 1917. Dr. Kelly had a large part in the establishment of the American Institute of Pharmacy in Washington. He took an active interest in the doings of the American Association for the Advancement of Science, the Maryland Academy of Sciences, and the National Research Council, also in the editing of the journals of the American Pharmaceutical Association. He did the recent revisions of Caspari's Treatise on Pharmacy.

Dr. Kelly and Marian Low, of Green Cove Springs, Fla., were married in 1906. Mrs. Kelly survives her husband, and he left three children, Capt. Evander F. Kelly, jr., now serving in France, Kenneth L. Kelly, and Mrs. Kathleen Kilgore. Another son, Lauchlin Kelly, was lost in an aerial raid over Germany in December, 1943.

George A. Martin

George A. Martin, chairman of the board of the Sherwin-Williams Company, paint manufacturer, Cleveland, Ohio, died November 1. He was seventy-nine years of age.

Born in 1865 in a small Wisconsin town, Mr. Martin was at the age of twelve working in the Chicago stockyards. After three years he moved to the Union Brass Manufacturing Company and sold railway car trimmings for seven years.

At twenty-two he started his own business, producing railroad paint spe-

—*Continued on page 60*

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The Foreign Economic Administration is endeavoring to take a realistic view of the further need for controls over exports and is engaging in extensive conferences with WPB on the supply situation with the idea of lifting some of the export restrictions at an early date. The chances are that some of the lifting will be done before V-E Day, but for the majority of commodities the relaxations will not come until after victory in Europe.

There is some sentiment in government circles for a regulation that would direct manufacturers to set aside a portion of their output for export in order that demands from abroad for products and materials will be met. But this is not finding much support. The feeling seems to be that foreign buyers will be able to get the products they need if they are able to pay for them, and domestic suppliers should not be under compulsion to sell abroad if they prefer to operate solely in the domestic market.

There seems to be no foundation for the reports that the United States Commercial Corporation is seeking to perpetuate itself permanently in foreign trade. There are some in the minor official jobs who doubtlessly are hopeful that the corporation will continue in operation after the war. But, the top men are not of this mind. Most of these men have been drafted from private industry and are anxious to get back to their jobs. When they leave, it will be convincing evidence that USCC can no longer serve a useful purpose.

Wool Shrinking Stopped

A new method of treating wool to prevent shrinking, that may become a standard practice of the wool textile industry after the war, has been developed by the Quartermaster Corps. The process calls for the use of synthetic wetting agents which are resistant to chlorine, calcium hypochlorite, and sodium bisulphite. It is said to be simple and may be carried on with dyeing machinery now used in the industry.

The QMC says that, up to the present time, the treatment has been used only for socks, but more exhaustive tests indicate that it may be applicable to any all-wool or part-wool fabrics. The reason why socks were selected for testing first was that the QMC found that shrinkage from laundering was one of the principal reasons for socks wearing out. The process has demonstrated that treated wool socks wear up to 60 percent longer than those not treated.

Navy Ammunition Program

Spending by the Navy Department for ammunition and other ordnance supplies is being pushed up to a peak that will represent about three and one-half times present expenditures by next March.

Navy officials say they expect the outlay to reach about $350,000,000 a month by the end of the first quarter next year; this compares with about $100,000,000 a month being spent now. The big push is in the rocket program. Spending for rockets alone by next March is programmed to equal the amount now being spent for all other types of ammunition.

WPB Quits Redistributing

The liquidation of the WPB Redistribution Division, whose job it was for the past year to provide industries with information where available supplies of scarce materials might be found, has just about been completed. Most of the personnel have found jobs in the other agencies carrying on the job of disposing of surplus government property and only a handful are left in the WPB to wind up its affairs.

When liquidation was first begun around October 1 it was suggested that RFC, which has taken over many of the division's employees, might take over also the division's weekly publication "Redistributor" which listed available supplies of various materials and told where they might be obtained. Jesse Jones turned thumbs down on continuance of the document, however, believing that his job of disposing of the government surpluses can be done just as well without it.

The other main function of the division—enforcement of the inventory control order—has been turned over to the WPB Program Bureau. There is some talk of continuing this order in effect after V-E Day as an aid to OPA in regulating prices. Price Administrator Bowles has suggested that this be done.

Gasoline in Bags

One of the more interesting sidelights on the war—that of keeping a fast-moving mechanized army supplied with gasoline up to the front lines—can now be told. It's done with collapsible tanks—and not with mirrors as the Germans must have thought since they take meticulous care to confiscate or destroy all available tankcars in the retreats.

The QMC says that it has developed and is now using in all theatres of operation four sizes of collapsible tanks that will hold 750, 1,000, 2,700 and 3,000 gallons respectively. The tanks are made of cotton duck, impregnated with a synthetic resin of the "rubbery" type and fitted with rigid plywood frames. They can be set up on the ground adjacent to using troops, or may be used on flatcars whenever deemed necessary.

Four 2,700-gallon containers, mounted on a flatcar, will carry approximately the same gallonage as an ordinary tankcar.

Italy Being Reconverted

In a specially prepared report on the present economic condition of Italy, including a summary of allied contributions to its rehabilitation and to the relief of its people, OWI says that officials are predicting for the country a probable production potential of 60 percent of its pre-war capacity within one year after the cessation of hostilities.

Much spadework already has been done by the Allied Control Commission to get the liberated areas back on their feet economically. Without going into details, OWI reports that work possibilities for 10 fertilizer plants in liberated Italy have been surveyed and full requisitions for phosphate rock, nitric acid or sodium nitrate, pyrites, and paper sacks have been submitted.

In addition, ACC has taken steps to rehabilitate and directly control various minor industries whose production is essential to the national economy, including paper production, soap manufacture for all central and meridional Italy, sulphuric acid, production of edible olive oil and the use of its derivatives, assistance to the armed forces in the production of industrial bases, leather transmission belting and sewing thread and similar manufactures.

From July 1, 1943, to September 10, the United States shipped for purely civilian purposes, $2,500,000 worth of medical, sanitary and veterinary supplies; $500,000 of soap, $1,500,000 of agricultural chemicals, and $400,000 of seeds.

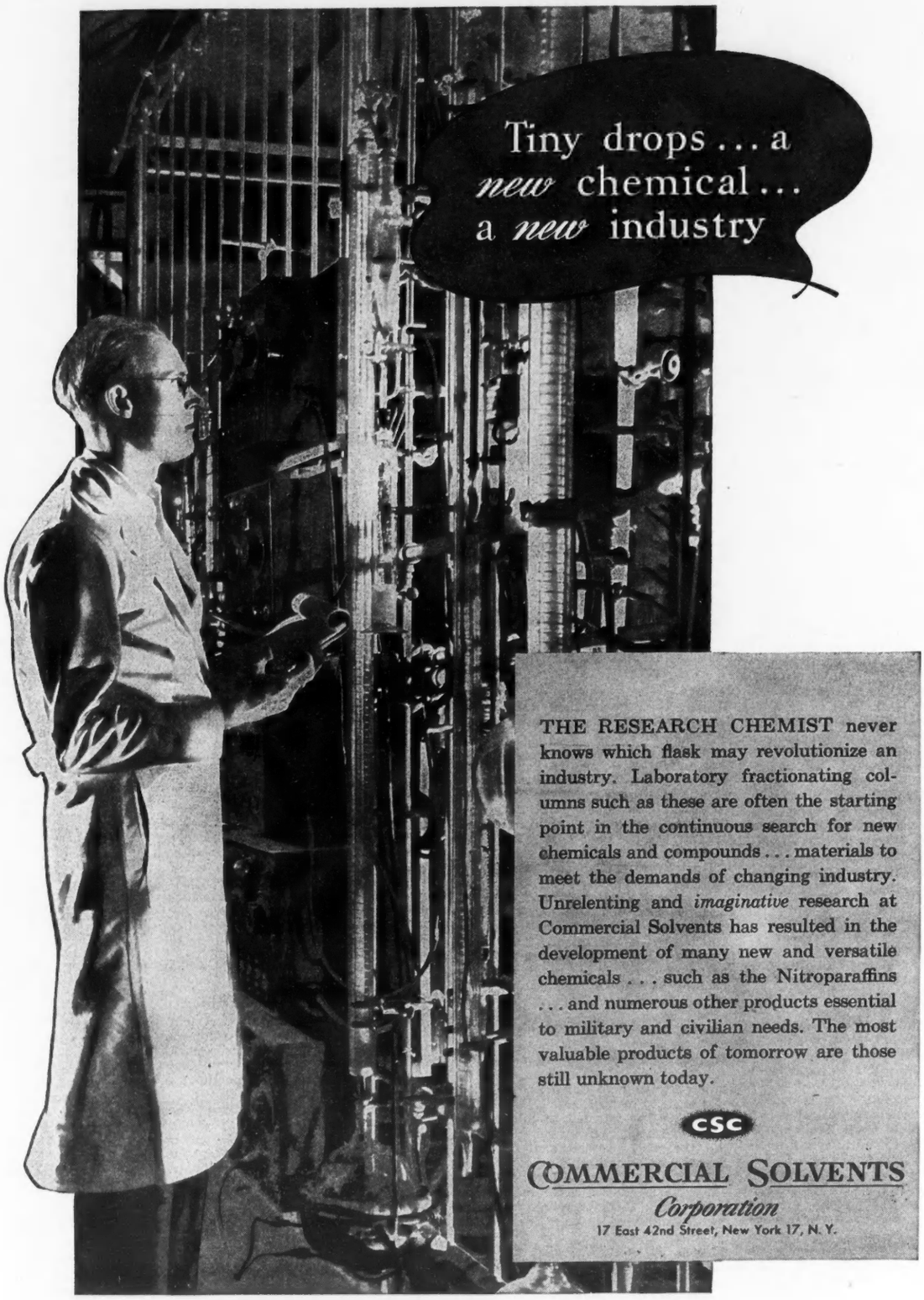
Liberia to Be Explored

The Department of State and FEA are sending a mission to Liberia to assist that country in increasing its production of such strategic materials as rubber and palm oils and to develop other resources needed by the United Nations.

Liberia has an area of 52,000 square miles, consisting largely of equatorial forests—and less than 150 miles of highways. It is one of the least developed parts of Africa. Much of the country is still unmapped, and the extent or value of its many resources, such as iron, gold, and tropical hardwoods, has yet to be determined.

Earl Parker Hanson, FEA special representative to Liberia, will head

—*Continued on page 45*



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Drug Trade Sets Up Export Liaison Group

A representative committee of manufacturers of drugs and pharmaceuticals has been formed by the industry to collaborate with the Federal government in matters involving foreign trade. The committee is composed of members of the three major oragnizations—the American Drug Manufacturers Association, the American Pharmaceutical Manufacturers Association, and the Proprietary Association.

The initial meeting of the group was held in New York October 10, immediately following the annual meeting of the Foreign Trade Council. Known of as the Drug Industry Export Committee, it elected R. M. Dunning, of the Vick Chemical Company, representing the Proprietary Association, as chairman; F. Lejarza Saenz, of Mallinckrodt Chemical Works, A.P.M.A. representative, as vice-chairman; and John McGuire, of E. R. Squibb & Sons, A.D.M.A., representative, as secretary.

Organization of a committee which would act as a contact point through which the government would be able to reach the entire drug manufacturing industry has been in process for more than a year. It was first suggested by the Foreign Economic Administration, but the proposal was not adopted by the industry until recently.

It is expected that the committee will have considerable work to do and will be able to offer many helpful suggestions to the government in mapping out plans for post-war trade. The restrictions that surround trade in drug products with Latin American countries in particular are legion, and it is the hope of the committee that it will be able to assist the government in breaking down some of these barriers so that the industry will be able to compete on a more equitable basis with other nations in the Latin-American markets.

Medical Care Forum To Be Held Nov. 9

The Drug, Chemical and Allied Trades Section of the New York Board of Trade, jointly with the Insurance Section, will sponsor a luncheon and forum on "Better Medical Care for More Americans—How Best Achieved?" in the Waldorf-Astoria hotel, November 9.

Among the authorities who will present their views on these various phases are:—Dr. Eveline M. Burns, of Bryn Mawr College, formerly director of research of the National Resources Planning Board, who will present the problem indicating "Why is a plan needed?" Louis Pink, president of the Associated Hospital Service of N. Y., will speak on "What Is the 'Blue Cross' Plan?"; John Pratt, executive administrator of the National Physicians Committee, will speak on the "Attitude of Organized Medicine"; Knox Ide, president of American Home Products Corporation, on "How Industry Can Cover Its Employees"; Neville Pilling, U. S. manager, Zurich General Accident & Liability Insurance Company, Ltd., on "Can the Insurance Industry Help?"

Works Made Director Of Scientific Roster

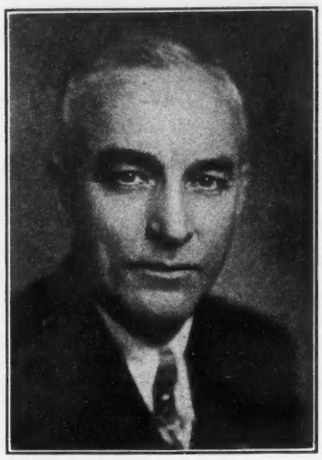
Dr. George A. Works, of the University of Chicago, has been named to succeed Dr. Leonard Carmichael as director of the National Roster of Scientific and Specialized Personnel, according to Paul V. McNutt, chairman of the War Manpower Commission. Dr. Carmichael, who is president of Tufts College, Medford, Mass., will continue as chairman of the committee on scientific research personnel and as consultant to the roster.

Dr. Works, before going to the University of Chicago as dean of students and university examiner, was president of the University of Connecticut.

Southern Pest Control Conference Dec. 4 to 6

The fifth annual Southern National Pest Control Operators Conference will be held at the Louisiana State University, Baton Rouge, La., December 4, 5 and 6. Among the subjects to be discussed are fumigation, rat control, common household or strictural insects, and sanitation.

Penick Field Sales Head



Rudolph P. Neptun has been named field sales manager for S. B. Penick & Co., botanical drugs and fine chemicals, New York. Mr. Neptun is associated with the pharmaceutical and manufacturing and wholesale drug fields for more than twenty-five years.

Anhyd. Hydrofluoric Acid Output Discussed

OPD Washington Bureau

The War Production Board has authorized construction of new facilities to alleviate a serious shortage of anhydrous hydrofluoric acid, the Hydrofluoric Acid Producers Industry Advisory Committee was informed at a recent meeting, WPB has reported.

Anhydrous hydrofluoric acid is used in the manufacture of aviation gasoline and the production of Freon-12 for refrigeration and aerosol bombs, as well as for military applications. Because of plant breakdowns and other production complications, the output of anhydrous hydrofluoric acid has not met production goals, WPB said.

WPB has authorized the General Chemical Company, New York, to construct a $700,000 plant at Baton Rouge, La., with a capacity to produce 6,000 tons of the acid annually. The Nyotex Chemical Company, Houston, Tex., has received authorization to expand its plant at Houston to increase its annual capacity by 3,900 tons. The Houston project will cost $485,000.

Officials reported that production of hydrofluoric acid by eight plants during the first two quarters of 1944 met requirements fully, but that as military requirements increased appreciably, the producing capacity did not increase proportionately. Production totaled 5,100 tons in the first quarter and 5,700 tons in the second quarter, virtually all of which went to the armed services. When military requirements rose to 7,000 tons for the third quarter, plants were able to produce only 6,400 tons.

Fourth-quarter requirements call for approximately 8,500 tons of anhydrous hydrofluoric acid, WPB said. With present facilities, between 7,000 and 7,500 tons of anhydrous hydrofluoric acid are expected during this period. WPB officials estimated that upon completion of the new Louisiana and Texas facilities in February, 1945, this rate will increase to approximately 9,500 tons per quarter, ample to take care of military and essential civilian needs.

OPA Names Erikson, Bradley to New Posts

OPD Washington Bureau

Arval L. Erikson and Thomas R. Bradley have been named to new positions in the Office of Price Administration's Food Price Division, by Jean F. Carroll, director of the division.

Mr. Erikson, appointed as price executive of the Meats, Fish, Fats and Oils Branch, has been associated with meat price control since May, 1942, when he joined OPA as head of the Meat Section. He has been acting price executive of the Meats, Fish, Fats and Oils Branch since February, 1944. Mr. Bradley has been appointed head of the Beef and Small Stock Section of the Food Price Division.

Penicillin Pretesting Law Not Among FDA Agenda

OPD Washington Bureau

The Food and Drug Administration vigorously denied November 2 that it was making a "drive" for legislation to require the pretesting of all penicillin that will be put on the market after present War Production Board controls over distribution are lifted.

In an interview seeking to make clear the position of the agency on the question of certifying penicillin, Dr. Paul B. Dunbar, Commissioner of Food and Drugs, said that any notion that the agency was trying to ram such a proposal down the industry's throat or was trying to expand the theory of certification to all drug production is entirely erroneous. He said that the agency is seeking only to solicit the cooperation of the industry on some form of control to assure the purity and potency of the new drug, in view of the potential demand when the war is ended, and is suggesting certification as an approach to the problem since this is a proven method of control.

Dr. Dunbar said that FDA has been compelled to give thought to the production and marketing of penicillin after controls are lifted because all indications point to a tremendous demand for the drug after the war. The public has been made conscious of the value of penicillin by the widespread publicity that has been given to it for treatment of many common diseases and ailments, he pointed out. Medical officers of the army and navy, because of the experience they have gained in the use of the drug, can be expected to demand that adequate, pure supplies be available when they are released by the military and return to private practice.

As matters now stand, he continued, manufacturers cannot produce the drug except under the controls exercised by the War Production Board. All the supplies that are channeled to the army and navy must be tested by the Food and Drug Adminitsration. But, when the wartime controls are lifted, the industry will revert back to the advisory method of control of spot checking, and the question arises whether this will prove sufficiently effective to give reasonable assurance that all supplies on the market are as pure and potent as they should be in the public interest.

Penicillin is easy to manufacture, Dr. Dunbar stated; but it is also easy to make blunders in its manufacture. All the producers of penicillin now in operation have the necessary laboratory equipment for testing the product, but it is reasonable to assume, he added, that new firms might seek to enter the production field, which are not adequately equipped for testing the drug, and supplies of penicillin might find their way into the market that might do more harm than good to the patient.

The thought of the Food and Drug Administration, he said, is that the wartime controls might be perpetuated by an amendment to the law similar to the amendment enacted early in 1941 to maintain the purity of insulin. Certification of the output of an industry is not a new method of control and does not mean that FDA is desirous of certifying all the products of the drug industry. The job would not only be too great to undertake, he added, but it is doubtful whether Congress would sanction the hiring of an army of inspectors to keep tabs on everything produced.

Dr. Dunbar concluded:—

Our thought is that we should consult with industry and with other government agencies interested in penicillin on the problems that may be encountered when controls are lifted and how best we should go about meeting them. We are not trying to ram anything down the industry's throat but are looking at it merely from the standpoint of industry protecting itself.

Drug Contact Group Reviews Official Tests

Revision of official standards for parenteral solutions got the most attention at the Fall meeting of the combined Contract Committee of the American Drug Manufacturers Association and the American Pharmaceutical Manufacturers Association. Particular consideration was given to the requirements for the appearance of these solutions and for the pyrogen test when applied to the smaller sizes of injections. Specific recommendations were passed on to the respective revision authorities of the official compendiums.

A subcommittee was organized to study the problem of storage of vegetable drugs and develop reasonable, accurate, and easily applied methods for the examination of these drugs, designed to reflect the suitability of storage conditions. A report on the cooperative testing of several types of synthetic rubber stoppers revealed that progress is being made in the development of such closures. However, the need for natural rubber for use in stoppers for pharmaceuticals and biologicals was held to be very definite and the hope was voiced that a sufficient supply will be available until an entirely satisfactory substitute is found. The study of the assay of digitalis and its preparations was carefully reviewed and future studies outlined.

Consideration was given also to the tests for heavy metals in drugs and the standardization of official methods of determining moisture content of which some eighty or more variations are now officially in use. An extensive report was made on suitable conditions for determining the melting-point of fats and waxes. A suggestion was submitted for standardization for U.S.P. apamorphine color tests and some possible modification of the totaquine assay and suggested modifications of thyroid assay.

Dr. Spencer Honored For Cancer Service

Organization of all cancer activities on a national scale was advocated October 31, by Dr. R. R. Spencer, chief of the National Cancer Institute, Bethesda, Md., in a speech accepting the Clement Cleveland Award for outstanding service during 1944, in the effort to control cancer by education. The presentation of the award, a palladium medal, named in honor of one of the founders of the American Cancer Society, was made to Dr. Spencer by Dr. Frank E. Adair, the society's president, at the 18th annual dinner of the New York City Cancer Committee.. The dinner launches the annual booth campaign conducted in New York from November 1 to 15, for the dual purpose of spreading public knowledge of cancer through more than 100 booths set up at strategic locations in the city and collecting funds for the committee's $100,000 annual budget.

Ross General Manager Wisc. Alumni Foundation

Ward Ross has been appointed general manager and counsel of the Wisconsin Alumni Research Foundation, Madison, Wis. Lawrence D. Barney, former business manager of the foundation, is now associated with Hoffbann-LaRoche, Inc., Nutley, N. J.

Steel Drums Permitted For Hydrogenated Oils

OPD Washington Bureau

A directive under limitation order L-197 controlling the use of steel drums, which will permit the packing of certain hydrogenated oils and other food products in new steel drums for a limited period, was issued October 31, by the War Production Board.

The directive permits the acceptance of delivery of new steel drums of over 12 gallons' capacity for the next 90 days for the packaging of the following food products on schedule "B" of L-197:

Compounds, solid and semisolid, with a melting point of 65 deg. F., or above, used in cooking, including, but not limited to, mixtures of lard and hydrogenated oils.

Dairy products.

Food products, cold pack and frozen.

Hydrogenated oils with a melting point of 65 deg. F., or above, including but not limited to shortening.

Jellies, jams, and preserves.

Lard.

Molasses.

Cornsyrup and mixed and unmixed syrup.

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Baker's Industrial Chemicals (purity by the ton) have been supplied to many manufacturing concerns for the manufacture or processing of many products. If you have special chemical requirements for war production or in anticipation of post-war needs, we invite you to discuss your problems in confidence with Baker.

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Current Market Quotations Chemicals and Related Materials

November 3, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib., dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs.....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs.....lb. .35 - .37
Acetic anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms....lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., dlvd. E.*..lb. .08 - —
l.c.l., dlvd. E.*.....lb. .08½- —
tanks, dlvd. E.*.....lb. .07 - —

* OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works. lb. .90 - —
Acetophenetidin, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms.....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.55 - 1.60
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks...lb. .07½- —
Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 3.88 - 3.63
56%, bbls.....100 lbs. 5.58 - 5.88
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, nat'l, bbls....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works..100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.93 - 7.25
synth., bbls., works.... 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works....100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
50%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] (see Acetic anhydride).
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis. lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic,[6] fib. dms., works.....lb. .31 - —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22
Ascorbic,[1,6] USP, dms., 500-kilo lots..kilo.24.50 - —
30-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
2½-kilo lots.....kilo.25.70 - —
1-kilo lots.....kilo.26.41 - —
bots. 500-gram.....kilo.27.47 - —
Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betaoxynaphthoic, bbls. works. lb. .93 - —
Boric,[2] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld...ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., works. lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Breeners, bbls.....lb. 1.11 - —
Cacodylic, 3-lb. bots.....lb.22.00 - —
Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, tech., ret. dms.....lb. .21½- .22
Caprylic, tech., ret. dms....lb. .27 - .27½
Castor oil,[5] split, ret. dms...lb. .20¾- .21¼
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .16¼- —
l.c.l. .....lb. .16¾- .18¼
Cinnamic, refd, bots.....lb. 3.50 Nom.
Citric,[1,6] anhyd., gran., dms., c.l...lb. .22½- —
10,000 lbs., 1 ship't...lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs.....lb. .24 - —
cryst., gran., bbls., c.l.....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20½- —
smaller lots, bbls.....lb. .21 - —
dms.....lb. .23 - .24
kgs.....lb. .21½- —
Powd. citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,5] dist., dms....lb. .15½- .17½
Corn oil, s.d., dms., c.l., works, lb. .12 - —
Cottonseed oil,[1,5] s.d., dms., c.l...lb. .12 - —
tanks, dlvd.....lb. .14¼- —
Cresylic,[3,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks.....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal., ref....gal. .510 - —
Sewaren, N. J., reg..gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref.gal. .636 - —
1-19 dms., Cal. ref....gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, dlvd.....gal. .646 - —
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms....lb. .27 - .31
Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 500 lbs.....lb. .12 - —
dmjn.....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
Glycolic (see Hydroxyacetic).
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57% bots.....lb. 2.90 - —
Hydrobromic, conc., cbys...lb. .35 - .37
dil., cbys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, basic acid content..lb. .06½- —
Hypophosphorous, USP, djns., lb. .75 - .77
Lactic,[6] edible, 50%, cbys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., cbys., 5 or more.. lb. .24¼- —
1 to 4.....lb. .24¾- —
plastic grade, bbls., cbys., 20 or more..lb. .14½- —
5 to 10 cbys.....lb. .14¾- —
1 to 4 cbys.....lb. .15¼- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., 95% dms.....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[5] light, dms.....lb. .21½- .22
Maleic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
19 to 24 works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11½- —
7-lb. bots.....lb. .21½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[5] white, dist., dms..lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, dlvd., lb. .11¼- —
Phenylacetic, bots.....lb. 1.85 - 3.00
Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld...100 lbs. 6.25 - 7.25
tankwagon, dlvd., N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal., dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns.....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., dlvd. E..gal. .80 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech. dms., works...lb. .55 - .57
Soybean oil,[1,5] s.d., dms....lb. .14½- .18½
tanks, works.....lb. .11 - —
Stearic,[1,5] double-press, bgs..lb. .15¾- .16¾
single press, bgs.....lb. .15¾- .16¾
triple press, bgs.....lb. .18¾- .19¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys.lb. .68 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs.....lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs.....lb. .71½- —
Tobiac, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.10 - 1.15
Acetic hydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile,[6] dms., frt. alld..lb. .39½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works...lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,6] USP, anhyd., pharmaceutical, dms., l.c.l., works..lb. .30 - —
cosmetic, dms., l.c.l., works, lb. .31 - —

Adeps lanae prices for primary distributors, f.o.b. St. Louis, lc. higher.

Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd., bbls....lb. 2.00 - 2.18
granular, cryst., bbls.....lb. 1.95 - 2.08
tech., cryst., bbls.....lb. 1.50 - 1.60
Alcohol, allyl, dms., c.l., dlvd.lb. .29 - —
l.c.l., dlvd.....lb. .30 - —
Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns.....lb. .65 - .75
dms.....lb. .63 - —
Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. lb. .1980- —
l.c.l., frt. alld. E...lb. .2080- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E....lb. .10¾- —

* Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - —
Denatured,[1,2,6] CD14, dms., c.l., dlvd. E..gal. .54½- —
19, dms., works, E.....gal. .56½- —
1 to 18 dms., works, E..gal. .59½- —
tanks, E., dlvd.....gal. .50 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19, bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works. gal. .67 - —
tanks, E. works.....gal. .59 - —
Anhydrous 3c. per gal. higher.
SD2B, bbls., c.l., wks., E.gal. .60 - —
19 bbls., works, E...gal. .62 - —
1 to 18 bbls., works, E. gal. .65 - —
tanks, E. works.....gal. .48 - —
SD23G (replaced by SD26H).
SD23H, works, c.l., bbls..gal. .61½- —
19 bbls.....gal. .63½- —
1 to 18 bbls.....gal. .66½- —
tanks, E. works.....gal. .49½- —
SD29, denatured, with acetaldehyde, bbls., c.l., E. works. gal. .62½- —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E. works..gal. .69 - —
tanks, E. works.....gal. .50½- —

When any of the several SD29 denaturants is supplied by the puchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .55½- —
19 dms. to c.l.....gal. .57½- —
1 to 18 dms.....gal. .60½- —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms., c.l., dlvd..lb. .11¼- .14½
l.c.l., dlvd.....lb. .11¾- .15
tanks, dlvd.....lb. .10¾- .13½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11¼- .14
tanks, dlvd.....lb. .10 - .12½
Ethyl,[6] 190 pf., dms., c.l...gal.17.64½- —
19 dms.....gal.17.68 - —
1 to 18 dms.....gal.17.71 - —
tanks .....gal.17.60 - —
absolute, dms., c.l.....gal.18.62 - —
18 dms.....gal.18.65½- —
1 to 17 dms.....gal.18.68½- —
Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works.lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol Isobutyl).
Isobutyl,[6] refd., dms., works.lb. .0880- —
tanks, works.....lb. .0760- —
Isopropyl,[2,6] refd., 91%, dms., 5 gals., dlvd..gal. .66½- —
55 gals., c.l., dlvd....gal. .39 - —
l.c.l., dlvd.....gal. .43¼- —
tanks, frt. alld....gal. .34 - —
99%, dms., 5 gals., dlvd.gal. .65 - —
55 gals., c.l., dlvd....gal. .44 - —
l.c.l., dlvd.....gal. .47 - —
tanks, frt. alld.....gal. .37½- —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis. lb. .60 - .63
Propyl, normal, dms., wks..gal. .67 - .74

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order (L order)
[4]—General Preference Order (M order)
[5]—Conservation Order (M order)
[6]—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
smaller lots, same basis..lb. .44 - —
cns., Cedar Rapids, Ia.....lb. .55 - —
Alder, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .76 - 1.60
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .18 - .18½
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .23½
Alphapinene, dms., c.l., wks.gal. .84½- —
l.c.l., works.....gal. .87 - —
tanks, works.....gal. .81½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[6] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00

Alumina, ground, classified, grade, kgs., works..lb. .35 - .67
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[6] com'l, bbls., c.l., works..lb. .08 - .08¼
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Fluosilicate,[6] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% Al_2O_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis...lb. .03 - .03¼
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works, lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX. bbls.. dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7%, Al, 50-gal. dms., works..lb. .18¾- —

Alumina oleate, dms., contract, lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..
100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
Iron-free, bgs., c.l., works... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
trihydrate, heavy bgs., wks.. lb. .024 - .035
Aluminum, 98-99%,[2,3,6] c.l....lb. .15 - —
l.c.l. .....lb. .15 - .16
paste, lining, extra fine, 200-dm..lb. .66 - .69
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .58 - —
powder, lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm. lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz.13.50 - 14.00

Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.50.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .14½- —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms.....lb. .32 - .36
Carbonate, lump, dms.....lb. .08¼- .09¼
cns.....lb. .14¼- .17¼
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .18 - .18
Citrate, dibasic, bbls.....lb. .75 - —
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 2.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, domestic, bgs., c.l., shipping points..ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech, bgs., works.....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride,[6] bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports..ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .18½
l.c.l., dlvd.....lb. .13 - .19
tanks, dlvd.....lb. .11½- .17½
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica atropurpurea root, dms. lbs..lb. .80 - 1.35
Angostura bark, bls.....lb. .20 - .21
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10¼- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .28½- .29
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs.....lb. .18 - .18½
Syrian, bgs.....lb. .20½- .21
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinine, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs.....lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
paint grade, c.l.....lb. .16¾- —
l.c.l. .....lb. .16¾- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple Syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide, bots..oz.12.25 - —
Argols, min. 70%, bgs., Argentine port, 100 kilos, 100% purity.70.00 -72.00
Arnica flowers, bls.....lb. 2.35 - 2.45
Arrowroot, powd., bxs., bbls..lb. .10 - .10¼
Arsenic,[6] metal, lump, c.l....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —

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Chemicals

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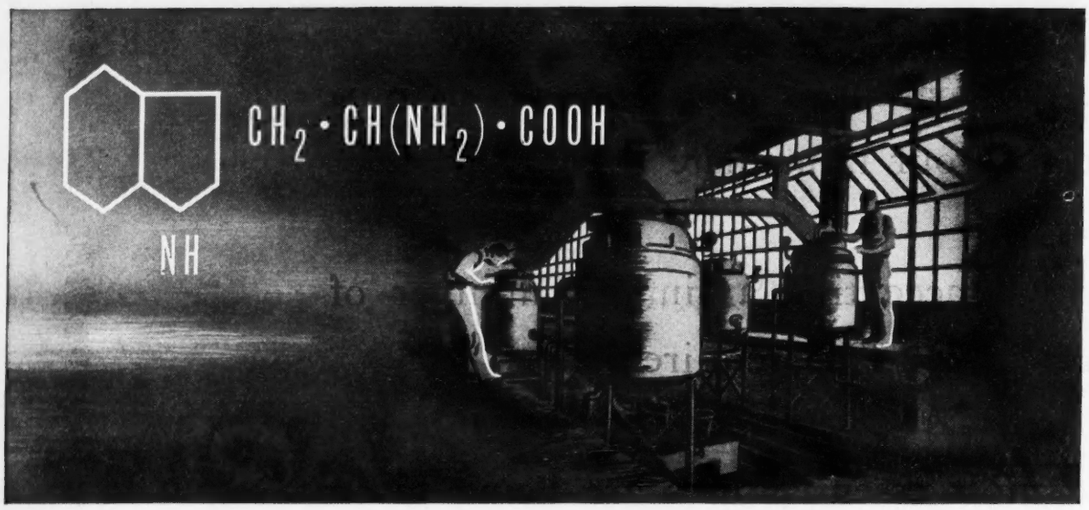
Arsenic sulphide, yellow, bbls..lb. .52 - .55
bots. .....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
9D, bgs., same basis.....ton.33.90 - —
7D, bgs., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Barbados, Dunellen, N. J...lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuban A, bulk, c.l., N. Y...ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill..lb. .08 - —
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —
Asphaltum, Gilsonite, brilliant black, seconds, 870-890° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines. ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 6.50 - 6.75

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2],[6] (see Cube root).
Barberry, root bark, bgs.....lb. No stocks
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 98% thru 200 mesh, bgs., c.l., works..ton.48.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls.....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works. ton78.00 - —
l.c.l., same basis.....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .12 - .18
Barium fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works.....lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - -
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 — —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% $Ba\,So_4$, bulk, mines..ton. 8.50 - —
Bauxite,[6] blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .90 - .95
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works. ton11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.35
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c, per gal., gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .28 - .30
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works. lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms. lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[6] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
Bone 1A, bgs., bbls., c.l., frt. alld E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .13 - —
3, bgs., bbls., c.l., same basis, lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1¼c. higher.
Carbon,[6] heads, compressed, bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls.....lb. .95 - 1.00
Tree bark, bls.....lb. .40 - .45
Black Indian hemp root, bls..lb. .50 - .55
Blane fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works. ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works. ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[3],[6] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works.....100 lbs. 2.75 - 3.00
Blood,[3] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .70 - .80
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
50%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70



DOW

Announces the Commercial Production of

dl-TRYPTOPHANE

dl-Tryptophane, one of the essential amino acids, has for years been known and studied for its nutritional and therapeutic value. Because of the complexity of the compound, dl-Tryptophane has not been produced in commercial quantities up to the present time. Now, the broad experience and unique ability of The Dow Chemical Company in devising new syntheses and production techniques have made it possible to produce this important amino acid commercially. Inquiries will receive prompt and careful attention.

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PHARMACEUTICAL *Chemicals*

DOW
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OPD—11-6-1944

Celanese* Chemicals

"...in terms of properties and characteristics desired..."

In decompression chambers for pilot training the rarefied atmosphere of high altitude is reproduced and students learn to handle their oxygen masks. With the possibility of free oxygen being present it is imperative that the lubricant in the vacuum pumps be safe. Lindol* is used because, in addition to being an excellent lubricant, it is non-oxidizing, non-flammable and non-corrosive.

THE HIGHER DEVELOPMENT of synthetics has changed many conventional industrial buying habits. The idea of taking "next best" when no standard chemical compound offered the exact properties and characteristics desired is passing out of the picture.

From the founding of Celanese Corporation of America, Celanese research has recognized the full possibilities of synthetics. The basic idea that synthetics can meet specific needs *with precision* amounts to a creed.

The pioneering and extensive development of organic phosphates by Celanese is a case in point. There was a time when industrial buyers held the view that tricresyl phosphate was tricresyl phosphate and that any disadvantages in properties or characteristics had to be taken along with its advantages. But that time is passed, because Celanese has succeeded in achieving a whole series of organic phosphates with wide ranges of solubility and specific gravity, viscosity, and electrical characteristics—all precisely controlled.

Lindol* as a plasticizer has many uses. Lindol* M.P. was produced for non-toxic lacquer films coming in contact with food. In Lindol* E.P., Celanese created a stable, non-corrosive lubricant additive that increases film strength and decreases motor wear. It fortifies the oil and at the same time acts as a solvent for resinous deposits. Celluflex*, developed from a new raw material source, makes available a material with different characteristics for many additional applications including highly plasticized lacquer films. Here it eliminates tackiness. Cellulube* is a lubricant additive developed from petroleum base materials. It has low specific gravity and high viscosity. All these materials are readily miscible with each other, permitting additional variety of characteristics.

Reconversion will be even more challenging to the versatility of synthetics, but whatever your specific needs may be you will find our staff eager to find the answers in terms of *your* objectives. Celanese Chemical Corporation, *a division of Celanese Corporation of America,* 180 Madison Avenue, New York 16, N. Y.

*Reg. U. S. Pat. Off.

PLASTICIZERS

ORGANIC PHOSPHATES

LUBRICANT ADDITIVES

INTERMEDIATES

DYE-STUFFS

CELANESE CORPORATION OF AMERICA • TEXTILES • PLASTICS • CHEMICALS

Blue, iron, Chinese, bbls., same basis..lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., lb. 3.15 -
tungstic, bbls.....lb. 3.50 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Bluefiag root, bls.....lb. No stocks
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.33.50 - —
Chicago, works.....ton.36.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[2] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld....ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld. ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —

USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½ - —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[3] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works..lb. .03¾- .10¾
raw, American, bbls., works, lb. .04 - .10
Italian type, bbls., works..lb. .08 - .10
Umber, American, bbls., works, lb. .03¾- —
Italian type, bbls., works..lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .72 - .73
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. 30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .12¾- —
tanks, same basis.....lb. .10¾- —
secondary,[1,6] dms., c.l., dlvd. E. of Miss R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., works....lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

SMASH THAT {Sodium Cyanide or Chromic Acid} "BOTTLENECK"

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GENERAL CHEMICAL

POTASSIUM CYANIDE

(94-96% KCN*)

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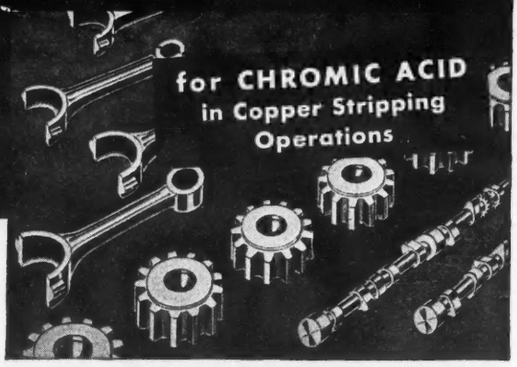

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Los Angeles • San Francisco • Seattle, Wenatchee and Yakima (Wash.)

In Canada: The Nichols Chemical Company, Limited
Montreal • Toronto • Vancouver

C

Cadmium bromide,[6] bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] pat. shapes, cs., dlvd. lb. .95 - —
Ingots or sticks.....lb. .90 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.80 - 2.88
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots.....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots.....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld.lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, jars.....lb. .65 - .70
Carbide,[1,5] dms., c.l., works. ton.50.00 - —
dlvd. .....ton.57.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd...ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -31.50
l.c.l., 15 tons, dlvd..ton.21.45 -25.45
73-75%, 5-ton lots.....ton.24.85 -40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, dense, fluffy, dm.lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
Resinate, precip., 6.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70% bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms. lb. .13¼- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works. lb. 1.50 - 1.75
Calendula flowers, bls.....lb. No stocks
Calomel,[3] bbls., dms.....lb. 1.88 - 1.89
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works. lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots...lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25

Canada balsam (see Fir balsam).
Cantharides ..... lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls..... gal. .70 - 1.10
Caraway seed,[1] Canadian, bgs.. lb. .70 - .72
Domestic, bgs..... lb. .77 - .79
Morocco, dewhiskered, bgs... lb. .69 - .70
Spanish, dewhiskered, bgs... lb. .70 - .72
Syrian, dewhiskered, bgs.... lb. No stocks
Carbazole, 95%, dms., ton lots, works.. lb. .70 - —
smaller lots, works..... lb. .80 - —
96%, dms., ton lots, works... lb. .75 - —
smaller lots, works..... lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works..... lb. .60 - —
Dimethylethyl, l.c.l., works.. lb. .60 - —
Isobutyl, dms., c.l., works.. lb. .22½ - —
l.c.l., works..... lb. .23½ - —
tanks, works..... lb. .21½ - —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R.. lb. .05 - —
l.c.l., same basis..... lb. .05¾ - —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis..... lb. .08 - .08¼
Dioxide, cyls..... lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l., lb. .07½ - —
l.c.l. ..... lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld.. gal. .73 - —
l.c.l., frt. alld..... gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld.. gal. .97 - —
l.c.l., frt. alld..... gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld.. gal. .60 - —
l.c.l., frt. alld..... gal. .67 - —
5 or 10-gal. dms., c.l., alld.. gal. 1.04 - —
l.c.l., frt. alld..... gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld.. gal. .94 - —
l.c.l., frt. alld..... gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld.. gal. 1.17 - —
l.c.l., frt. alld..... gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l.. gal. .83 - —
l.c.l. ..... gal. .90 - —
5 or 10-gal. dms., c.l.. gal. 1.07 - —
l.c.l. ..... gal. 1.17 - —
USP, cbys..... lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.15 - 1.25
medium, cs..... lb. 1.06 - 1.15
coorg clipped, cs..... lb. .60 - .62
decorticated, cs..... lb. .75 - .80
green, bgs..... lb. .60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps. 100 grams, dlvd.. gram. 2.85 - —
50 grams, dlvd..... gram. 2.90 - —
Carvol, bots..... lb. 22.50 -28.00
Cascara sagrada bark, bulk.... lb. .32 - .35
Case hardening mixture, 30%, gran., dms., l.c.l.. lb. .09¾- —
slabs, dms., l.c.l..... lb. .08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point.. lb. .24 - —
20 to 99, same basis.... lb. .24¼- —
less than 20, same basis. lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis.. lb. .25¼- —
20 to 99, same basis.... lb. .25¾- —
less than 20 bgs..... lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more.. lb. .17 - .18½
rennet-precip., unground, bgs., 100 bgs. or more.. lb. .19½- .20
Cassia,[1] ..... lb. No stocks
Cassia fistula, bekts..... lb. .23 - .24
Castor beans, f.o.b. Brazilian ports.. long ton. 58.00 -61.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works, unit-ton. 2.90 - —
Castoreum, nat., cns..... lb. 12.50 -13.00
synth., bots..... lb. 19.00 - —
Catechol, CP, cryst., works, f/b. dms., tin.. lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms.. lb. 3.50 - —
Catnep, bls..... lb. .65 - .66
Celery seed,[1] Indian, bgs..... lb. .17½- .18
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld.. lb. .30 - .35
granules, ctns., same basis. lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld.. lb. .30 - —
Cerium hydrate, dms., works.. lb. .60 - —
Oxalate, USP, bbls., works.. lb. .35 - —
kgs., works..... lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works.. lb. 1.50 - —
smaller lots, bgs., same basis.. lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works.. lb. .02¾- —
paint and other industries, bgs., c.l., works.. ton. 40.00 - —
papermakers, bgs., c.l., works, ton. 32.50 - —
rubbermakers, bgs., c.l., works, ton. 30.00 - —
Chamomile, Hungary type, cs.. lb. .45 - .50
Roman, bls..... lb. No stocks
Charcoal, pinewood,[1,6] grain, pulv., bgs., c.l., f.o.b. producers' plants in South.. ton. 30.20 - —
l.c.l., same basis..... ton. 41.00 - —
Willow, powd., bbls..... lb. .06 - .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works.. 100 lbs. 2.85 - 3.85
l.c.l., works..... 100 lbs. 3.10 - 4.10
tanks, works..... 100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works.. 100 lbs. 6.50 - 9.10
l.c.l., works..... 100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works.. ton. 9.50 - —
l.c.l., works..... ton. 16.00 - —
bulk, c.l., works.. ton. 7.00 - —
200 mesh, bgs., c.l., wks, ton. 8.50 - —
l.c.l., works..... ton. 9.50 -15.50
wet grd., silk-bolt 99.9%, 325 mesh, bulk, c.l., works... ton. 9.50 - —
paper bgs., c.l., works. ton. 12.50 - —
China clay, import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila.. ton. 19.00 -24.00
powd., cks., l.c.l., ex whse. ton. 41.00 - —
Chloral hydrate, jars..... lb. .93 - .98
dms. ..... lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works.. lb. .32 - —
smaller lots, works..... lb. .35 - —
Chlorine,[3,6,8] liquid, cyls., c.l. lb. .05½- —
contracts ..... lb. .05½- —
l.c.l. ..... lb. .07¾- —
tanks, single units, works, frt. equald 100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald. 100 lbs. 2.00 - —
2, wks., frt. equald. 100 lbs. 2.50 - —
1, wks., frt. equald. 100 lbs. 3.00 - —
Chloroform, tech., dms..... lb. .20 - .23
USP, dms..... lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyls., works, frt. alld.. lb. .80 - —
100-lb. cyls., same basis.... lb. .82 - —
25-lb. cyls., ex whse..... lb. 1.00 - —
1-lb. bots., ex whse..... lb. 1.25 - —
Choline chloride, f/b. dms..... lb. 3.00 - 3.10
Dihydrogen citrate, f/b. dms. lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs..... lb. .07¼- —
7½%, bbls., cs..... lb. .06½- —
Cake, bulk, c.l., works.... ton. 16.00 - —
Chrome ore,[1] residue, paper bgs., c.l., works.. ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots..... lb. 6.03 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs.. lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .12½*
sulphate, NF, cns., 100 ozs..oz. .89 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13½*
large cryst., cns., 100 ozs.oz. .66 + .13½*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots..... lb. 3.70 - 3.80
dms. ..... lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms..... lb. 2.00 - 3.90
Cinnamon,[1] Ceylon, 2, bls..... lb. .53 - .53½
No. 2, bls..... lb. .52 - .53
chips, bgs..... lb. .56 Nom.
Citral, bots., cns..... lb. 2.85 - 4.75
Citrine ointment, jars..... lb. .91 - 1.11
Citronellal, bots., dms.. ..... lb. 2.75 - 3.25
Citronellol, bots., dms..... lb. 6.00 - 7.00
Cloves,[1] Madagascar, futures, bls.. lb. .16¾- .17¼
chips, bgs..... lb. .16½- .17
Zanzibar, futures, bgs..... lb. .15 - .16
Clover tops, red, bgs..... lb. .55 - .60
Coaltar,[6] coal-gas, crude, bbls., l.c.l., works.. bbl. 8.25 - —
l.c.l., works..... bbl. 8.75 - —
tanks, works..... gal. .07¼- —
Coaltar, coal-gas, refd., bbls., c.l., works.. bbl. 8.75 - —
l.c.l., works ..... bbl. 9.25 - —
tanks, works ..... gal. .08¼- —
water-gas, crude, dms., c.l., works.. bbl. 8.25 - —
l.c.l., works..... dm. 8.75 - —
refd., dms., c.l., works.. dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .93¾- —
feed grade, 49.5% Co., kgs.. lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs.... lb. 1.85 - —
Chloride, kgs., works..... lb. .87½- —
feed grade, 24.5% Co., kgs... lb. 1.25 - —
Hydrate,[6] bbls..... lb. 2.04 - —
feed grade, 62% Co., kgs... lb. 2.25 - —
Linoleate, paste, 5%, dms.... lb. .32 - .34
solid, 8½%, dms..... lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms.. lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs.. lb. 1.25 - —
Oleate, bbls. ..... lb. .44 Nom.
Oxide,[6] black, kgs..... lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs.. lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms.. lb. .38½- —
Soyate, 8%-8.5% Co., 50-gal. dms.. lb. .42 - .44
Sulphate,[6] dms..... lb. .65 - —
feed grade, 21% Co., kgs... lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs.. lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns.. oz. 9.75 - —
Cochineal, gray, bgs..... lb. .87 - .88
silver, Teneriffe, bgs..... lb. .28 - .30
Cocoa butter,[1] bulk, ship't pt.. lb. .26 - —
Cocillana bark, bgs..... lb. .28 - .30
Codeine, cns., 100 ozs..... oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs..... oz. 9.00 - —
Sulphate, cns., 100 ozs..... oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls..... lb. .18 - .20
blue, bls. ..... lb. .18 - .20
Colchicine, bots., cns..... oz. No stocks.
Cochicum seed ..... lb. No stocks.
Collodion, USP, dms..... lb. .19½- .20½
cns. ..... lb. .23 - .23½
flexible, USP, dms. ..... lb. .21 - .22
cns. ..... lb. .25 - .31
Colocynth pulp, bls..... lb. .60 - .65
Colombo root, bls..... lb. .19 - .20
Coltsfoot leaves, bgs..... lb. .90 - 1.00
Condurango bark, bg..... lb. .12 - .15
Copaiba balsam, Peru, cns.... lb. .47 - .49
S. A., USP, cns..... lb. .50 - .52
Copper acetate,[6] cupric, bbls., works.. lb. .25½- —
smaller containers, wks. lb. .27 - —
Carbonate, 52-54%, bbls..... lb. .19½- .20½
Chloride,[6] anhyd., bbls..... lb. .22½- .23
crystals, bbls. ..... lb. .14¾- .17
Cyanide,[6] tech., bbls..... lb. .34 - .38
Iodide, bots. ..... lb. 5.15 - 5.19
Metal,[1,6,8] electrolytic..... lb. .12 - .13½
Naphthenate, 6%-9% Cu, 50-gal. dms.. lb. .15 - .17
Nitrate,[6] tech., cryst., bbls.. lb. .19¼- .20½
Oleate, precip., bbls..... lb. .22½- .23½
Oxide,[6] black, bbls., works.. lb. .19 - .20
red, com'l, bbls..... lb. .21¼- .24½
Oxychloride-sulphate,[6] bgs... lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms.. lb. .15½- .16
monohydrated, bgs., in dms., c.l., dlvd.. 100 lbs. 9.95 - —
l.c.l., same basis... 100 lbs. 10.95 - —

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Copper resinate, monohydrated, dms., c.l., divd., same basis, 100 lbs. 9.20 - —
l.c.l., same basis...100 lbs. 9.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25, works....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship't.....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. .13¼ Nom.
Cornsilk, bls.....lb. .24 - .25
Corn sugar, tanners,[6] chipped, bgs., c.l., divd..100 lbs.3.905 - —
slabs, bbls., c.l.....100 lbs.3.825 - —
Syrup, 42°, bbls., c.l....100 lbs.4.221 - —
43°, bbls., c.l.....100 lbs.4.271 - —
Corrosive sublimate,[5] cryst., dms., 50 lbs. or more..lb. 1.59 - —
gran., powd., dms., 50 lbs. or more..lb. 1.44 - —
Cottonroot bark, bls.....lb. .22 - .25
Cottonseed hull ash, 32-36% pot-ash, bgs., divd..unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton.45.00 -49.75
Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .85
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½ - —
smaller lots, bbls.....lb. .58 - —
kgs.....lb. .58½ - —
Creosote carbonate, bots., cbys., lb. 2.10 - 2.30
Coaltar, oil,[5] crude, tanks, works..gal. .15½ - —
refd., bbls., l.c.l., works.gal. .20 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys.....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Fine, dms.....gal. .28 - —

Cresol,[1,6] special resin grades, dms., c.l., works, frt. equald., lb. .09¼- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —
Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09½- —

Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nov., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclohexanol, 98-100%, works..lb. .21 - .23
Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. al'l. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —

Cyclohexanone prices are 1c. per lb. higher, frt. allds., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nov., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclopropane, USP, cyls., divd., gal. .27 - —

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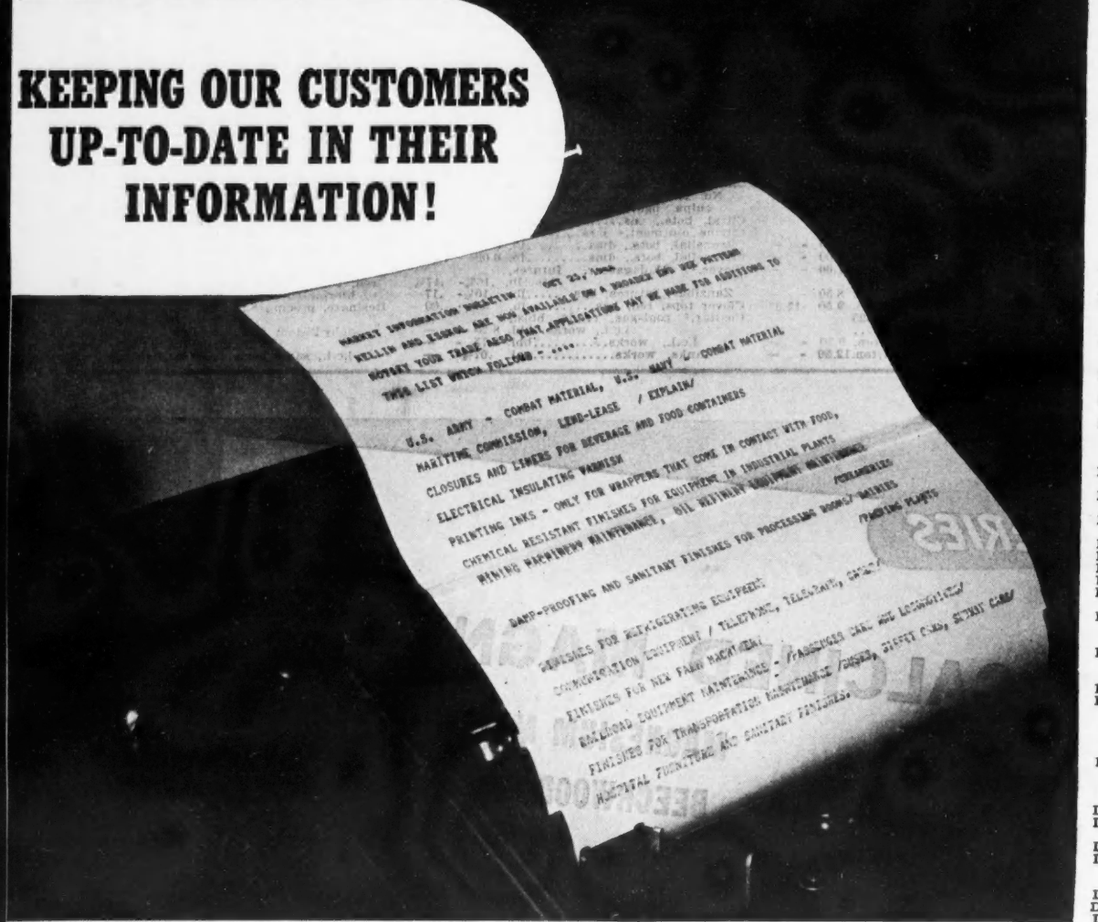
Dandelion root, bls.....lb. .40 - .45
Decanol,[6] normal, tech., dms., divd..lb. .35 - —
Deertongue, bls.....lb. .42 - .48
Defluorinated phosphate,[1] paper bgs., works..ton.34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls...lb. .26 - .29
over 2% ffa, bbls.....lb. .25 - .27
Damiana leaves, bls.....lb. .16 - .17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Unicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., divd..lb. .2170- .2200
l.c.l., divd.....lb. .2220- .2250
tanks, divd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast.. lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast. ton.22.00 -25.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns. works..lb. .2550- .2600
1-gal. cns., same basis..lb. .2600- .2600
dms., c.l., same basis....lb. .2020- .2359
l.c.l., same basis.....lb. .2070- .2409
tanks, same basis.....lb. .1920- .2259
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equaled with So. Charles-ton..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 90%, dms.....lb. .30 - —
Oxalate, dms., c.l., divd.....lb. .30½- —
l.c.l., divd.....lb. .31 - —
Phthalate,[6] dms., c.l., divd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Diethyleneglycol monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. .60 - .65
Sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs...100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .13¼- .13¾
Dimethyl phthalate,[6] dms., c.l., divd..lb. .1875- —
l.c.l., divd.....lb. .1925- —
tanks, divd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., divd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —
Dimethylethyl carbinol (see carbinol)
Dinitrobenzene, bbls., 80° min..lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .36
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .06 - —
Diorthotoluolguanidin,[6] dms., tons, divd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] dest. dist., dms., divd. E..gal. .55 - .56
tanks, divd. E.....gal .45 - —
single dist., dms., divd. E..gal .55 - .56
tanks, divd. E.....gal. .52 - —
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms.....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock...ton.68.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .45 - .50
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .08 - .10
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors for foods, drugs andt cosmetics—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
Green, FD&C green, No. 1 cns. —lb.13.50 - —
FD&C green, No. 2, cns...lb.17.50 - —
FD&C green, No. 3, cns...lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 3.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics—
Black, D&C black, No. 1, cns. lb. 3.35 - —
Blue, D&C blue, No. 4, cns..lb.12.35 - —
Brown, D&C brown, No. 1, cns.lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Dyes, coaltar (certified colors for drugs and cosmetics):—
Orange, D&C orange, No. 3, cns..lb. 3.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
Red, D&C red, No. 8, cns...lb. 2.35 - —
D&C red, No. 17, cns.....lb. 3.35 - —
D&C red, No. 18, cns.....lb.15.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 3.35 - —
D&C red, No. 33, cns.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —



● It has long been a standing policy of Spencer Kellogg and Sons, Inc. to maintain permanent company sales offices in each important market and to staff these offices with men of experience upon whose knowledge and judgment the trade can rely. To them, by the most rapid modern means of communication there constantly goes a stream of current information—on supply conditions, on control regulations, on the uses of various oils. With the latest facts always at hand the Spencer Kellogg representative keeps his customers up-to-date.

Always important, this service is doubly valuable in war-time. Prompt information as to what oils are available and sound guidance during changing conditions has helped manufacturers in maintaining both their production schedules and the quality of their products.

KELLOGG'S THE TEST TELLS 1894

SPENCER KELLOGG—"the first name in Vegetable Oils"

SPENCER KELLOGG
AND SONS, INC.
SPECIAL OILS DEPT. BUFFALO 5, N.Y.

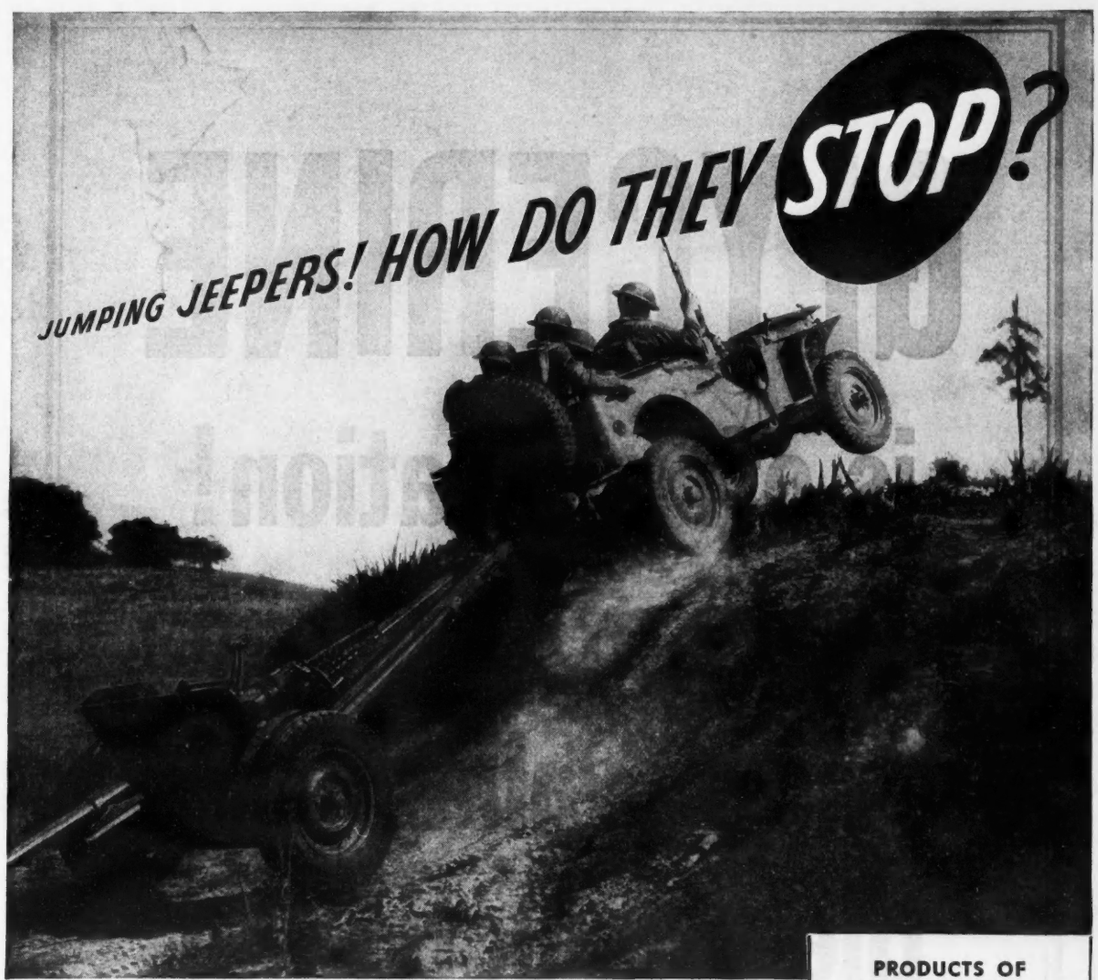
Leading Processors of Oil-Bearing Seeds with 9 Mills and 25 Branch Offices . . . Warehouse Stocks in all Principal Cities.

Dyes, coaltar (certified colors for drugs and cosmetics):—
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —
Dyes, coaltar (certified colors for external use, drugs and cosmetics—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3, cns..lb.21.85 - —
Ext. D&C red, No. 8, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —
Dyes, coaltar, for general uses[2] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[2].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202, Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 6R.....lb. .80 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.30
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble) lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for general uses[2] (numbers are those of Colour Index scale):—
Black—
865 Nigrosin derivatives..lb. .36 - .44
Blue—
1075 Alizarin astral base..lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green..lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[2] violet base..lb. 6.00 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.35 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue F.....lb. 1.20 - —
922 Methylene blue.....lb. 1.06 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue:—
714 Patent blue A.....lb. 1.05 - 1.10
Brown:—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange:—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol Red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red:—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[2].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841..Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
133 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).
Black:—
864 Nigrosin .....lb. .36 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red:—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —
Dyes natural (see name of article).

E

Echinacea root, bls.....lb. .90 - .95
Egg[1] albumen (see Albumen).
Yolk, dried, dom., bbls.....lb. 1.08 - 1.14
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs. .....lb. No stocks
select, bndls.....lb. .55 - .60
Emetine[2] hydrochloride, bots..oz.21.00 -32.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
Ephedrine, synthetic, USP, anhyd., bots..100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs. oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.00 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l. .....lb. .08 - .09
Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, dms.....lb. 1.40 - 1.45
Escerine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial. 2.10 - —
Ether, acetic ..see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., divd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Ether, sulphuric, conc., dms..lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., works..lb. .14½ - —
l.c.l., works.....lb. .15½ - —
tanks .....lb. .12¾ - —
Ethyl acetate,[2,9] 85-90%, dms., c.l., frt. alld..lb. 11.70- 12.75
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld.. lb. .1225- .1325
l.c.l., frt. alld.....lb. .1275- .1325
tanks, frt. alld.....lb. .1125- .1225
NF, dms.....lb. .14½ - .15¼
Acetoacetate, dms., c.l., works, lb. .37½ - —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., divd. E....lb. .58 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.25 - 3.85
Formate, dms., f.o.b. Agnue, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½ - .35¼
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[2] standard, pkgs., 5,000 lbs. or more, works.lb. .50 - —
smaller lots, same basis....lb. .52 - .60
Ethyldiethanolamine, dms.. l.c.l., works..lb. .80 - —
Ethylene dichloride,[2] dms., c.l., works, E. of Rockies, frt. alld..lb. .0842- —
West of Rockies, same basis..lb. .0801- —
l.c.l., works, E. of Rockies, same basis..lb. .0891- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Ethylene trichloride (See Trichloroethane).



Shell Chemical stops 'em!

• Jeeps aren't always jumping. And when they must "stop on a dime" Shell Chemical's diacetone alcohol in their hydraulic brakes goes to work.

Shell's secondary butyl alcohol is helping recover precious copper from low-grade ore. Etc.... etc.... so it goes through our entire list.

Whether it's in a jeep, a concrete fuel barge, an army raincoat or a bullet-proof gas tank, products of SHELL CHEMICAL are helping pave the road to Victory.

Everything we make is on allocation for war. And we believe that is an excellent thing to remember in the peaceful future, when you're searching for answers to chemical problems. For after war is forgotten, and you're exploring new markets, we can promise you as complete cooperation as we are now giving the War effort.

PRODUCTS OF SHELL CHEMICAL

Diacetone Alcohol
Secondary Butyl Alcohol
Methyl Isobutyl Ketone
Acetone
Isopropyl Alcohol
Isopropyl Ether
Butadiene
Mesityl Oxide
Methyl Ethyl Ketone
Ammonia
Tertiary Butyl Alcohol
Allyl Alcohol
Allyl Chloride

ARMY E NAVY

Martinez and Dominguez, California, plants

SHELL CHEMICAL Division of SHELL UNION OIL CORPORATION
100 BUSH ST., SAN FRANCISCO 6, CALIFORNIA

R. W. GREEFF & CO. Eastern Sales Agent 10 ROCKEFELLER PLAZA, NEW YORK 20. TRIBUNE TOWER, CHICAGO 11

Ethyleneglycol,[5,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] d m s., c.l., works..lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether, d m s., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., dms.....lb. .14½- —
tanks, works.....lb. .12½- —
Monomethylether, dms., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15½- —
Ethylethanolamine, d m s., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine hydrochloride, bots..oz.10.50 -10.75
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more, lb. 5.25 - —
smaller lots.....lb. 5.80 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .18
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .18

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton.14.00 -17.50
bgs., min., 2 tons.....ton.17.00 -20.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 - 12.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works..ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .20 - .20½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., same basis.....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir, balsam, Canada, cns.....gal.16.50 -17.00
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .23 - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis..ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake white, bbls.....lb. .09 - —
kegs.....lb. .11 - —
Fleaseed, French type, black, bgs..lb. .62 - .64
Indian, blonde, bgs.....lb. .11½- .14
Fluorspar, No. 1, ground, 96-98% CaF_2, bulk, c.l., mines, net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines.....net ton.32.00 - —
60%, mines.....net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —
Formaldehyde,[1,5,6] bbls., c.l., works..lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd. N.Y.C.....lb. .0345- —
Fringetree bark, bls.....lb. .70 - .75
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines, ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago.....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural,[6] ref., dms., c.l., works, lb. .15½- —
dms., cns., l.c.l., works..lb. .18 - .25½
tech., dms., c.l., works.....lb. .13 - —
l.c.l., dms., cns.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works,gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls.....lb. No stocks
Gasoline[1] at refnery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .05⅜- —
Bayonne, 70-74 oct., tanks... gal. .09075- —
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05⅜- .06½
Group 3, 70-74 octane, tanks, gal. .06½- .06⅝
natural, 26-70, tanks....gal. .04⅜- .05
Oklahoma-Texas, US motor, 70-74 octane, tanks..gal. .05⅞- .06
Pennsylvania, western, U. S. motor 70-74 octane, leaded, tanks..gal. .07⅜- .0895
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.
Gelsemium, root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96% cns., dms....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .26½- .27
Cochin, bleached, bgs.....lb. .28 - .29
unbleached, bgs.....lb. .23½- .24
Jamaica, No. 1, bgs.....lb. .25 - .26
No. 2, bgs.....lb. .23½- .24
No. 3, bgs.....lb. .23 - .23½
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45
Glue, bone,[6] producers,' calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
Hide, producers,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd....lb. .15 - .22½
150-177, bgs., c.l., dlvd....lb. .16 - .23½
178-206, bgs., c.l., dlvd....lb. .17 - .24½
207-236, bgs., c.l., dlvd....lb. .18 - .25½
237-266, bgs., c.l., dlvd....lb. .19 - .26½
267-298, bgs., c.l., dlvd....lb. .20 - .27½
299-330, bgs., c.l., dlvd....lb. .21 - .28½
331-362, bgs., c.l., dlvd....lb. .22 - .29½
363-394, bgs., c.l., dlvd....lb. .23 - .30½
395-427, bgs., c.l., dlvd....lb. .24 - .31½
428-460, bgs., c.l., dlvd....lb. .25 - .32½
461-494, bgs., c.l., dlvd....lb. .26 - .33½
495-529, bgs., c.l., dlvd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls. ½c. over bags.
Glycerin, crude, saponification, 80%, to refiners, tanks..lb. .11¼- —
soaplye, 80%, tanks.....lb. .10 - —
dynamite, dms., c.l.....lb. .14½- —
l.c.l.....lb. .15 - —
tanks.....lb. .14¼- —
high gravity, dms., c.l.....lb. .14½- —
l.c.l.....lb. .15 - —
tanks.....lb. .14¼- —
ref., USP, CP, 95%, dms., c.l., lb. .15½- —
l.c.l.....lb. .15⅝- —
tanks.....lb. .15 - —
B.P., 98%, dms., c.l.....lb. .15⅝- —
l.c.l.....lb. .16¼- —
tanks.....lb. .15½- —
yellow, distilled, dms., c.l..lb. .15⅝- —
l.c.l.....lb. .15⅞- —
tanks.....lb. .14½- —
Zone C, territory west of Zone B.
Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP 1X, bots.....oz.14.50 -14.75
Goldenseal, root, bls.....lb. 7.25 - 7.50
powd., bxs.....lb. 7.50 - 7.75
Grains of Paradise, bgs.....lb. .30 - .37
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works..lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs., same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,5] house, loose.....lb. .08¼- —
white, choice, loose.....lb. .08¾- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis.lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis..lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis, lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Chrome oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .20 - .22

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Gualac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, carbonate, fib. dms.lb. 2.40 - 2.74
liquid, dms.....lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .11½- .13
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15¾- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09½- —
35, bgs., same basis....lb. .15¾- —
36, bgs., same basis....lb. .12¾- —
37, bgs., same basis....lb. .13½- —
38, bgs., same basis....lb. .12¾- —
39, bgs., same basis....lb. .10¾- —
40, bgs., same basis....lb. .06 - —
41, bgs., same basis....lb. .11¾- —
unsorted, No. 1, bgs., same basis..lb. .14¾- —
2, bgs., c.l., same basis..lb. .12¾- —
3, bgs., c.l., same basis..lb. .11¾- —
FAD, bgs., c.l., same basis..lb .14¾- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¾- —
unscraped, same basis.lb. .09 - —
chips, same basis....lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis..lb. .06¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17⅜- —
chips, same basis....lb. .11¼- —
dust, same basis.....lb. .06½- —
nubs, same basis....lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .22¾- —
chips, same basis....lb. .11¾- —
dust, same basis....lb. .06½- —
nubs, same basis....lb. .16¾- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bakts, c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .13¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
MB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis. lb. .15½- —
dust, same basis.....lb. .07¾- —
whse., entry port, c.l., lb. .08¾- —
Philippine,[1] Manila, extra bold, pale, scraped, bakts., same basis..lb. .15 - —
sorts, same basis.....lb. .12¾- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis. lb. .13¾- —
seeds, dust, same basis...lb. .08¾- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11¾- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23¾- —
mixed, same basis.....lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .28¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .28¾- —
D, same basis.....lb. .25¾- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, cs., c.l..lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis..lb. .12¾- —
chips, cs., same basis.....lb. .23½- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17¾- —
Gum dammar, l.c.l. prices, ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- .09¾
Ester, ord., dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .09½- —
other points, dlvd.....lb. .10 - .11
l.c.l., dlvd. Ill., Ind., etc.. lb. .09¾- .10
other points, dlvd.....lb. .10½- .12
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Gualac (see Gualac resin).
Karaya, bbls., bxs., dms....lb. .15 - .46
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse.. lb. .19 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - — higher.
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —

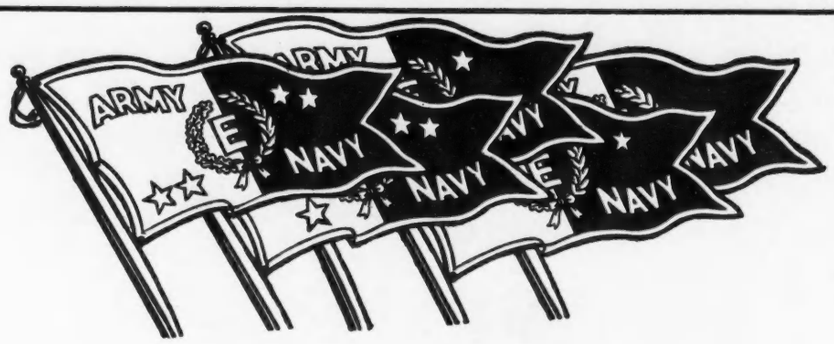
Gum, kauri, white, chips, pale, same basis..lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis.. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c.
Locust bean, powd., bbls....lb. .65 - .70
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. .09½- —
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —

Gypsum, plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 -
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kansas, frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 -
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Piasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .75 - .80
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .54 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —

Hematine paste, bbls., No. 1...lb. .14½- —
No. 2.....lb .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[1,2] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. .90 -1.00
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .28
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3. gal. .12¼- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[3,4] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots.....lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .25 - —
smaller lots.....lb. .26 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, bots. oz.37.50 -42.00



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Hoofmeal, 17-18% ammon., bulk, Chicago	unit	4.50	4.75
Hops, NF, bls.	lb.	.56	1.00
Horehound, bls.	lb.	.10½	.12
Hydrangea root, bls.	lb.	No prices	
Hydrastine, bots.	oz.	20.00	—
Hydrochloride, bots.	oz.	20.00	—
Sulphate, bots.	oz.	29.00	—
Hydrastinine, 10 grs., bots.	bot.	1.95	—
Hydrastis (see Goldenseal).			
Hydroturamide, dms., fib., cns., works.	lb.	.30	.40
Hydrogen peroxide,[6] USP, bbls.,	lb.	.03¾-	.04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal.	lb.	.15½-	.18½
Hydroquinone, bbls., dms.	lb.	.90	.94
Hydroxycitronellal, cns.	lb.	8.50	9.00
dms., extra, ref'able, dlvd.	lb.	4.50	—
Hyoscine hydrobromide, bots.,	gram.	4.50	—
Hyoscyamine, bots.	oz.	20.00	37.50
Hydrobromide, bots.	oz.	20.00	37.50
Sulphate, bots.	oz.	20.00	37.50
Hypernic, cryst., bbls., No. 1.	lb.	.42	—
No. 2.	lb.	.34	—
extract, bbls., No. 1.	lb.	.24	—
No. 2.	lb.	.16	—

I

Icthammol, N. F., bots.	lb.	2.45	—
Indian red (see Red, Indian).			
Indigo, nat., chests.	lb.	2.14	2.20
synth., paste, bots.	lb.	.16½-	.19
powd., bbls.	lb.	.74½-	.85
Indol, CP, bots.	lb.	23.00	24.00
Insect flowers (see Pyrethrum).			
Iodine, crude, 25-lb. jars	lb.	1.67	—
150-lb. kgs., net	lb.	1.28¼-	—
resubl., 5-lb. bots., jars	lb.	2.00	2.10
Iodoform, 100-lb. dms., kgs.	lb.	3.95	4.10
jars	lb.	4.20	—
Ipecac[6] root, bgs.	lb.	No prices	
powd., bgs.	lb.	No prices	
Irish moss, ordinary, bls.	lb.	.26	.28
powd., 80-90 mesh, bbls.	lb.	.32	.33
prime bleached, bls.	lb.	.35	.40
powd.	lb.	.40	.50
Iron acetate, liquor, bbls., c.l., dlvd.	lb.	.17	—
l.c.l., dlvd.	lb.	.18	—
solut., USP IX, 100-lb. cbys.	lb.	.17	—
50-lb. djns.	lb.	.18	—
Chloride (ferric), tech., anhydr., 300-lb. dms.	100 lbs.	4.65	6.25
150-lb. dms.	100 lbs.	5.00	6.00
cryst., bbls., works, frt. alld.	lb.	.03½-	.04
kgs., works, frt. alld.	lb.	.04	.04½
USP X, cryst., lump, bbls.	lb.	.07½-	—
dms.	lb.	.08½-	—
solut., NF, cbys., works, frt. alld. or equald.	lb.	.06½-	.07½
djns.	lb.	.10	—
Citrate, USP VIII, gran., dms.,	lb.	.70	.75
powd., cns.	lb.	.84	.87
Glycerophosphate, bbls., 1,000-lb. lots.	lb.	3.30	—
100-lb. lots.	lb.	3.40	—
cns., 25 lbs.	lb.	3.52	—
Hypophosphite, bbls., dms.	lb.	1.50	1.52
Iodide, bots.	lb.	3.18	3.32
syrup, bots., cbys.	lb.	.89	.53
Naphthenate, 6% Fe, 50-gal. dms.	lb.	.15	—
Nitrate, red, tech., dms.	lb.	.03½-	.04
Oxalate, gran., dms.	lb.	.83	.85
powd., cns.	lb.	.52	—
kgs.	lb.	.47	.49
Oxide, black (see Black, iron oxide).			
Phosphate, ferric, NF, gran., cns.	lb.	.54	.57
Pyrophosphate, gran., cns.	lb.	.59	.62
Reduced, 90%, kgs.	lb.	.65	.75
Resinate, 7.4% Fe, 100-lb. dms.	lb.	.17½-	—
Sulphate, tech. (see Copperas and Ferric sulphate).			
USP, cryst., bbls., dms.	lb.	.05½-	.11
Tallate, 4% Fe, 50-gal. dms.	lb.	.10¼-	—
Iron-ammonia citrate, brown, green, gran., pearls, dms.	lb.	.33	.38
scales, dms.	lb.	.49	.52
Oxalate,[6] bbls.	lb.	.23½-	—
dms., kgs.	lb.	.25½-	.26½
Iron-soda oxalate, bbls., dms.	lb.	.23½-	.26½
Isobornyl triocyanoacetate, cbys., dms., extra, works.	gal.	4.95	—
Isobutyl acetate,[6] dms., works.	lb.	.0860-	—
tanks, works.	lb.	.0760-	—
Propionate, dms., works.	lb.	.102	—
Isopentane, dms., works.	lb.	.45	.55
Isophorone, dms., works.	lb.	.25	—
Isopropanol (see Alcohol, isopropyl).			
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld.	lb.	.11	—
l.c.l., E. of Rockies, frt. alld.	lb.	.11½-	.12
tanks, E. of Rockies, frt. alld.	lb.	.10	—
Alcohol (see Alcohol).			
Ether, dms., c.l.	lb.	.06	—
l.c.l.	lb.	.06½-	—
tanks	lb.	.04½-	—
Isopropylamine, dms., works.	lb	.35	—

J

Jaborandi leaves, bls.	lb.	.09	.10
Jalap root, NF, bls.	lb.	.39	.40
powd., bbls., bxs.	lb.	.46	.47
Resin, lump, cns.	lb.	5.85	—
powd., bxs.	lb.	5.90	—
Juniper berries, dom., bgs.	lb.	.70	.85

K

Kamala, tins	lb.	.40	.45
Kaolin (see China clay)			
Kava kava root, bls.	lb.	.23	.24
Kerosene at refinery:—			
Ark., 41-43 w.w., bulk, tanks.	gal.	04½-	.04¼
Bayonne, 41-43 w.w., tank	gal.	.071	—
Gulf ports, 41-43 w.w., bulk,	gal.	.04¼-	.04½
Okla.-Texas, 42-44 w.w. tanks,	gal.	.04⅝-	.04⅞
Penn., 45 w.w., tanks	gal.	.065	.0755
46 w.w., tanks	gal.	.0775-	.0895
San Francisco, tanks	gal.	.11½-	—
Kola nuts, bgs.	lb.	.09	.10

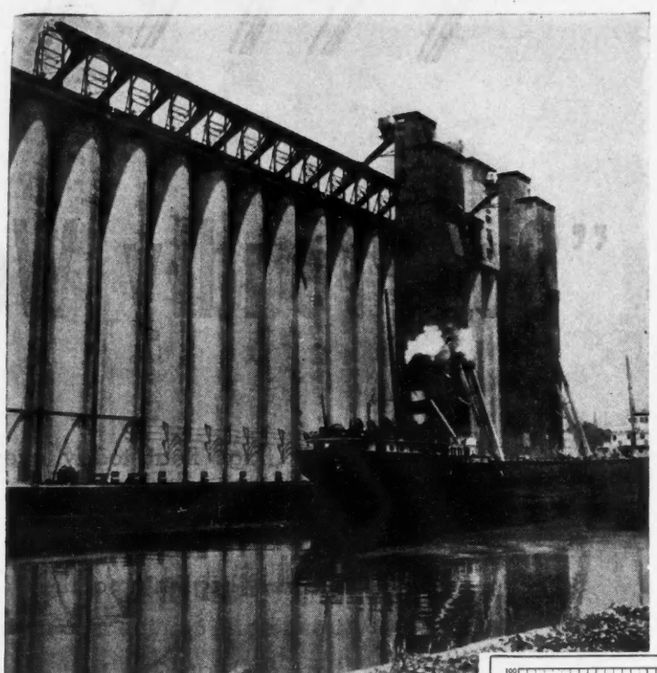
L

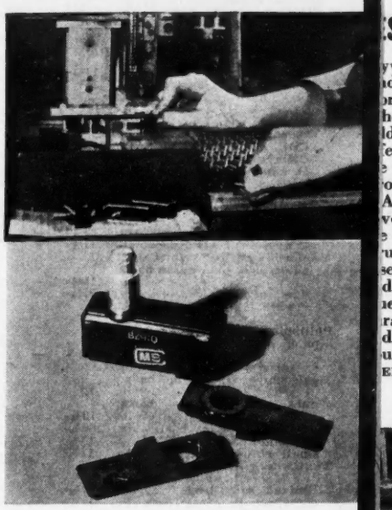
Lady slipper root, bls.	lb.	1.55	1.70
Lanolin (see Adeps lanae).			
Lard,[1,6] pure, ref., trcs.	lb.	.1522½-	—
Chicago	lb.	.1455-	—
Larkspur seed, bgs.	lb.	3.25	3.50
Laurel berries, bls.	lb.	.25	.26
Laurel leaves, Cyprus, bls.	lb.	.25	.26
Greek, bls.	lb.	No stocks	
Portuguese, bls.	lb.	.17½-	.18½
Turkish, bls.	lb.	.80	.81
Lavender flowers, medium, bls.	lb.	.80	—
ordinary, bls.	lb.	.45	.50
select, bls.	lb.	.90	.95
Lead,[1,6] (metal) (see paint market).			
Acetate,[6] white, broken, bbls.	lb.	.12½-	—
cryst., bbls.	lb.	.12½-	—
gran., powd., bbls.	lb.	.13¾-	—
Arsenate,[1,6] paste, standard, cns., c.l.	lb.	.05¾-	.06
l.c.l.	lb.	.06	.06⅜
powder, basic, 3-lb. bgs. or larger, c.l.	lb.	.11½-	.12
l.c.l.	lb.	.12	.12½
1-lb. ctns., c.l.	lb.	.18½-	.22½
l.c.l.	lb.	.19	.23
standard, 3-lb. bgs. or larger, c.l.	lb.	.11	.11½
l.c.l.	lb.	.11½-	.12
1-lb. bgs., c.l.	lb.	.16	.20
l.c.l.	lb.	.16½-	.20½
1-lb. ctns., c.l.	lb.	.18	.22
l.c.l.	lb.	.18½-	.23½
½-lb. ctns., c.l.	lb.	.21	.25
l.c.l.	lb.	.21½-	.26½

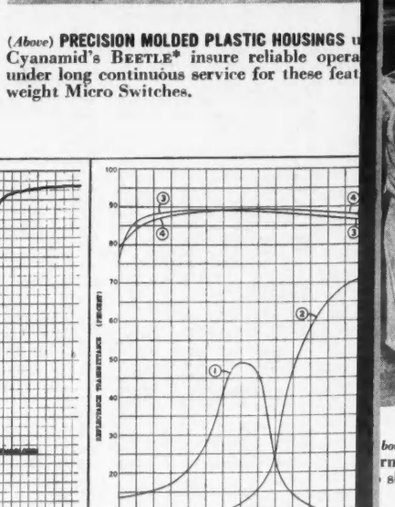
Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.07½-	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07¾-	—
l.c.l., dlvd. E.	lb.	.07¾-	—
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.08	—
Carbonate (see Lead, white).			
Chloride, fib. dms.	lb.	.49	—
Iodide, NF V, powd., bots.	lb.	2.80	—
jars	lb.	2.69	—
Lead, linoleate, pale, precip., bbls.	lb.	.22½-	—
Metallic paste, works	lb.	.19¾-	.21¾
Naphthenate, 24½-30% Pb 50-gal. dms.	lb.	.14¼-	.17¾
Nitrate, bbls.	lb.	.12½-	—
Oleate, bbls.	lb.	.17¾-	—
Peroxide, powd., tech., bbls.	lb.	.23	—
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼-	—
other points	lb.	.09	—
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash.	lb.	.09¾-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¼-	—
Colo., Mont., N. Mex., Wyo.	lb.	.10	—
other points	lb.	.09½-	—
smaller lots, Ala., etc.	lb.	.10¼-	—
Ariz., etc.	lb.	.10¾-	—
Colo., etc.	lb.	.10½-	—
other points	lb.	.10	—
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc.	lb.	.09½-	—
other points	lb.	.09¾-	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10	—
Ariz., etc.	lb.	.10½-	—
Colo., etc.	lb.	.10¼-	—
other points	lb.	.09¾-	—
smaller lots, dlvd. Ala.,	lb.	.10¾-	—
Ariz., etc.	lb.	.11	—
Colo., etc.	lb.	.10¾-	—
other points	lb.	.10¼-	—
Lead, red, dry, 98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.09¾-	—
other points	lb.	.09½-	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10¼-	—
Ariz., etc.	lb.	.10¾-	—
Colo., etc.	lb.	.10½-	—
other points	lb.	.10	—
smaller lots, dlvd. Ala., etc.	lb.	.10½-	—
Ariz., etc.	lb.	.11¼-	—
Colo, etc.	lb.	.11	—
other points	lb.	.10½-	—
in oil, 95% min., kgs.	lb.	.14	—
Resinate, precip., 23.3% Pb., 160-lb. drms.	lb.	.17½-	—
Silicate, bgs.	lb.	.0730-	.0789
Soyate, 26.15% Pb. 50-gal. dms.	lb.	.22¼-	—
Stearate, bbls.	lb.	.31	.33
Sulphate (see Lead, white, basic sulphate).			
Tallate, 10% Pb, 60-gal. dms..	lb.	.08¼-	—
Titanate, bgs., bbls., c.l., works, frt. alld.	lb.	.11	—
l.c.l., 5 tons, one delivery, E., frt. alld.	lb.	.11½-	—
Pac. Cst., ex whse.	lb.	.11½-	—
smaller lots, E. frt. alld.	lb.	.11½-	—
Pac. Cst., ex whse.	lb.	.11¾-	—
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo.	lb.	.08½-	—
dlvd., other points.	lb.	.08¾-	—
l.c.l., dlvd. Ariz., etc.	lb.	.08¾-	—
other points.	lb.	.08½-	—
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc.	lb.	.07½-	—
other points.	lb.	.07¼-	—
l.c.l., dlvd. Ariz., etc.	lb.	.08	—
other points.	lb.	.07½-	—

LIFE On The

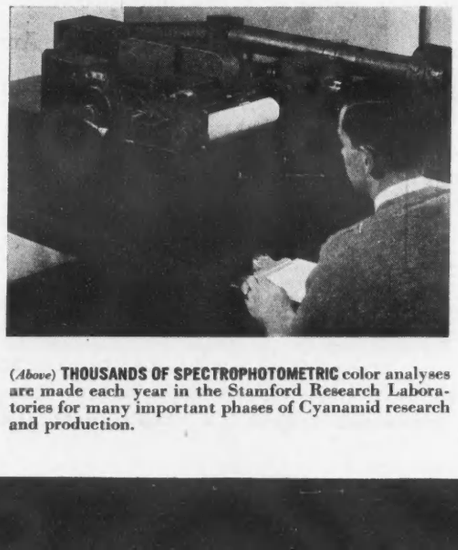




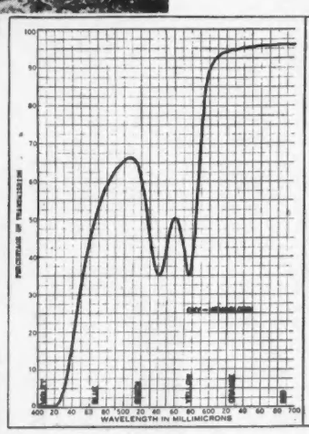


(*Above*) **PRECISION MOLDED PLASTIC HOUSINGS** u
Cyanamid's BEETLE® insure reliable opera
under long continuous service for these feat
weight Micro Switches.

(*Above*) **MAJOR WEAPON IN THE FIGHT** against loss of stored grain and milled products due to damage by insects is Cyanamid's Liquid HCN. The effectiveness of this modern industrial fumigant is steadily saving greater quantities of food to help protect America's position as "Bread Basket of the World."



(*Above*) **THOUSANDS OF SPECTROPHOTOMETRIC** color analyses are made each year in the Stamford Research Laboratories for many important phases of Cyanamid research and production.



(*Above*) **COLOR BY TRANSMITTED WAVELENGTHS** through human blood . . . Characteristic absorption curve of normal human blood is shown on this spectrophotometer graph for use in biochemical research. Colors of spectrum are plotted along bottom in terms of wavelengths in millimicrons, percentage of transmission up the side.

(*Above*) **EXACT COLOR INTENSITY WAVELENGTHS** in millimicrons measured by the spectrophotom Color by reflected wavelengths a painted object as measured b spectrophotometer. Here curve green, curve 2 is a red and cur and 4 are two whites. The in ment tells exactly how much w 3 is than 4.

Lead, white, in oil, consumers, kgs..lb. .13¼- .13¾
dealers, 100-lb. kg.....lb. .11¼- .11½
painters, 100-lb. kg.....lb. .12¼- .12⅛
Lecithin, edible, dms., c.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
in cocoa butter, dms., c.l....lb. .39½- —
l.c.l. .....lb. .40¾- .59
pure vegetable, bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .25¼- —
l.c.l. .....lb. .26½- .45
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .88
root, natural, Indian, bls....lb. .12 - .14
powder, bbls.....lb. .18 - .20
Russian, bls.....lb. .08½- .09
Spanish, bls.....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Riverton, Va..ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal...ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 - —
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D...ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Lime, spray, paper bgs., Farnams, Mass..ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen,* 20.5% N, bgs., Hopewell, Va..ton.32.50 - —
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 3.25 - 8.75
Linden flowers with leaves, bls..lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
Litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Colo., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Lithium bromide, bbls., 100 lbs., works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Stearate, fib. dms., 3 tons, works..lb. .50 - —
Lithopone,[1] ordinary, bgs. (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .95 - 1.00
Lobelia herb, bls.....lb. 1.00 - 1.05
Lobeline sulphate, bots., wks..oz.25.50 -38.00
Logwood, cryst., No. 1, bbls...lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage (ligusticum actae folium) root, dom., bls..lb. 1.20 - 1.50
Lupulin, NF, tins.....lb. 7.00 -10.00
Lycopodium, USP, cs.....lb. 2.75 - 3.00

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¾- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .06½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .06½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09¼- —
bbls.....lb. .09¼- —
kgs.....lb. .10¾- —

Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld. Philliipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd. storedoor.

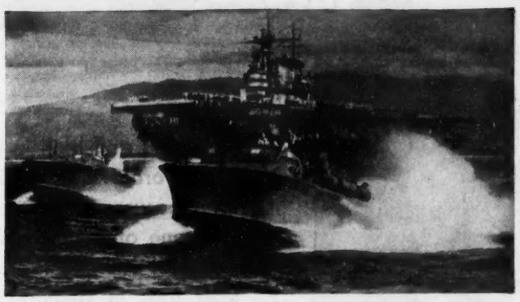
Chloride, anhyd., bbls., dlvd..lb. .12¾- —
flake, bbls., c.l., works...ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 - —
dead-burnt[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .23 - .25
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .12¾
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works.ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works. ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
85-90%, paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms..gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10¼
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, 50-gal. dms.. lb. .22 - —
Sulphate, anhyd., dms., works. lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 - —
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05¼
Tallate, 4% Mn, 50-gal. dms.lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton.70.00 - —
Manna flake, cs.....lb. No stocks
Mannitol,* com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —

Chemical Newsfront

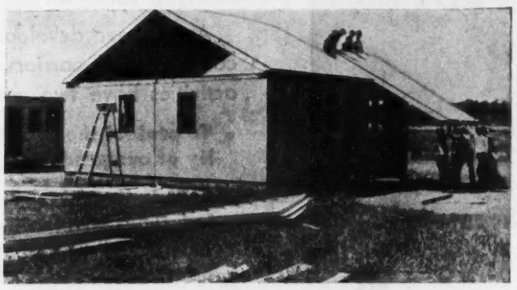
ESIN ADHESIVES OPEN A NEW WORLD FOR WOOD

ywood planes with complex curved surfaces, torpedo boats and ading barges, huge laminated wooden beams and trusses, pre-bricated houses—all made of wood bonded with synthetic resin hesives—point the way to new possibilities in the woodworking lds. Composite wooden structures can now be assembled with fety, economy, and speed. Structurally, weight for weight, they e stronger than steel. The bond formed by the adhesive is onger than the material it unites.

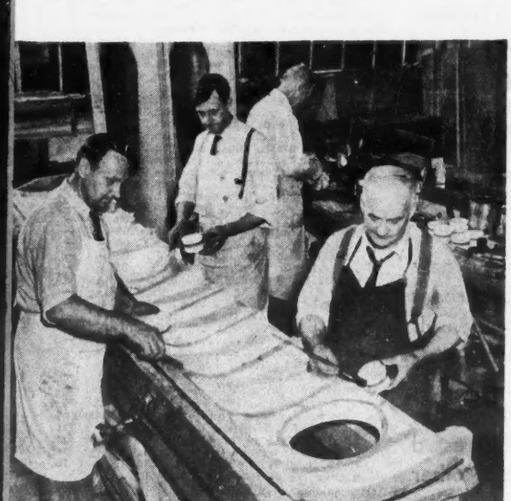
A full line of both hot-set and cold-set resin adhesives has been veloped by Cyanamid's Plastic Division. These hot-set resins e stepping up production of plywood and assembly of wood uctures to new highs. The cold-set resins are making possible sembly gluing where complex shapes prohibit perfect joining d high pressures are not applicable to insure uniformly thin ne lines. These resin adhesives are bringing new strength, rability, and usefulness to an amazing variety of wood products d wood structures. Cyanamid will be glad to consult with u on the use of their new-day industrial adhesives—BEETLE, ELMAC*, MELURAC*, and URAC* resins.



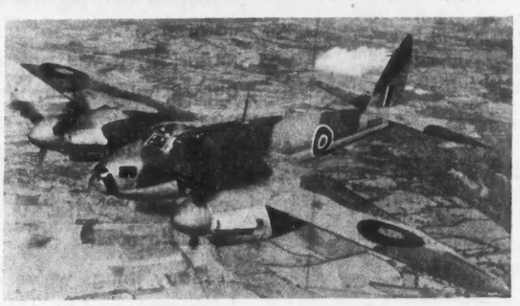
(*Above*) **PT BOATS** are made of plywood bonded with resin adhesives.



(*Above*) **PRE-FABRICATED PORTABLE HOMES** erected of durable plywood.



bove) **WOODEN SUB-ASSEMBLIES** for the *Mosquito* bomber are rmed into wings and fuselage, spars fastened to ribs and ribs skin, with a bond of cold-setting BEETLE Cement.



(*Above*) **MOSQUITO BOMBER** is wood bonded with BEETLE Cement.

* Reg. U. S. Pat. Off.

American Cyanamid & Chemical Corporation

(A Unit of American Cyanamid Company)

30 ROCKEFELLER PLAZA . NEW YORK 20, N. Y.

Manure, sheep, bgs., c.l., Mid-west shipping points..ton. 14.50 - 20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton. 17.50 - 25.00
Marjoram, Argentine, bls.....lb. .29 - .90
California, French type, bls., f.o.b. Pacific Coast..lb. .45 - .47
Chilean, bls.....lb. .31 - .32
Portuguese, wild, bls.....lb. .30 - .31
Matico leaves, bls.....lb. .22 - .29
Menthol,[1] natural, Brazil, cs..lb. 15.50 - 16.75
synthetic, tech., not USP, tins, lb. 5.00 - 6.00
USP, cs.....lb. 13.00 - —
racemic, cms.....lb. 8.60 - 9.15
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10% tubs..lb. .70 - .72
30%, pails.....lb. 1.19 - 1.21
50.% pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs..lb. 3.90 - —
yellow, fib. dms., kgs.....lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] NF (see Red precipitate).
tech. (see Red, mercury oxide)
yellow, NF VI, fib. dms..lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns..lb. 1.49 - 1.54
dms.....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., divd..lb. .11½- —
l.c.l., divd.....lb. .12 - —
tanks.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3¾x3⅝ in. pkg. 15.00 - —
Silver, 3¾x3¾ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .70 - —

Methanol,[1,6] natural, all grades, dms., c.l., E. of Miss. R. gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —

Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.

synthetic,[2,6] dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or divd...gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or divd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, divd. S. F. and L. A., gal. .41 - —
4, frt. alld. or divd...gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, dms., c.l., divd. lb. .0722- —
l.c.l., 10-dm. lots, divd...lb. .0847- —
single dms., divd.....lb. .0947- —
smaller cont., divd.....lb. .1447- —

Methyl abietate, hydrogenated, dms., c.l., divd...lb. .1122- —
l.c.l., 10-dm. lots, divd...lb. .1247- —
single dms., divd.....lb. .1347- —
smaller cont., divd.....lb. .1847- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .13
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10¼
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.

Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —

Methyl acetone, nat., Group B, tanks, Zone 4, same basis..gal. .84½- —

Natural methyl acetone quoted drums extra by Group B. Sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 4.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.35 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls.....lb. .68 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl. mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., c.l., divd.....lb. No stocks
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld. lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., divd..lb. .12½- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l. works..lb. .20 - —
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton. 27.50 - —
l.c.l.....ton. 32.50 - —
30-31 mesh, bgs., c.l..ton. 27.50 - —
l.c.l.....ton. 32.50 - —
40-45 mesh, bgs., c.l..ton. 27.50 - —
l.c.l.....ton. 32.50 - —
80 mesh, bgs., c.l.....ton. 35.00 - —
l.c.l.....ton. 38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton. 40.00 - —
l.c.l.....ton. 43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l.....lb. .04¼- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l.....lb. .04¼- —
white, 1,000 mesh, bgs., c.l., lb. .03¾- —
l.c.l.....lb. .04¼- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l.....lb. .05¼- —
paper, bgs., c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l.....lb. .05 - —
wallpaper, bgs., c.l.....lb. .04¾- —
l.c.l.....lb. .05¼- —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in carload lots is frt. alld. E.; less carload lots ex whse. or frt. alld. E. Prices of the wet grd. ars ½c. per lb. higher W. of Miss. R. and 1c. per lb. higher W. of Rockies.

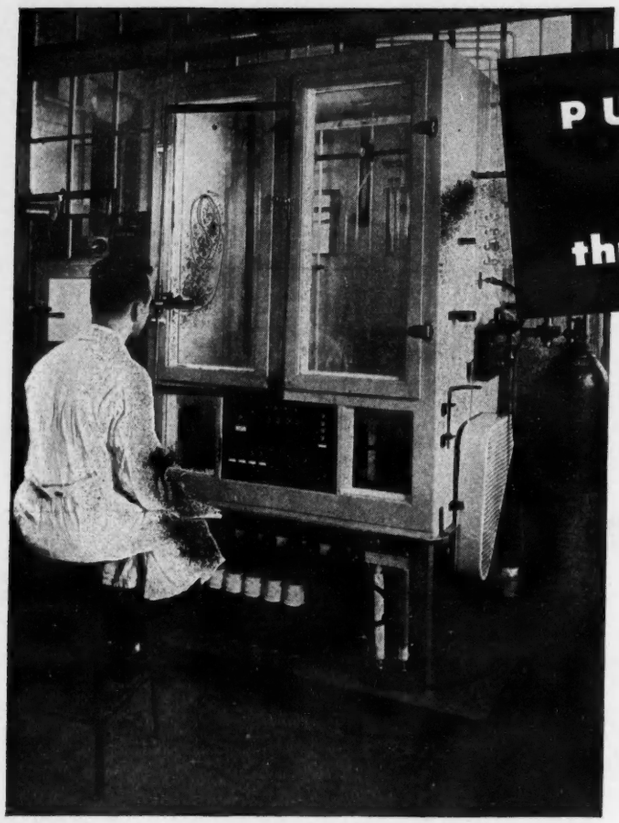
Milk powder, skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A..lb. .14½- —
Zone B.....lb. .14¾- —

Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I. and Vt.

whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27½
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,8] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis...gal. .18½- —
Area 3, same basis....ton. 26.00 - —
Area 4, same basis....ton. 29.00 - —
Area 5, same basis....ton. 34.60 - —

Note—Area No. 1, Fla., Ga., La., Tex., Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99% powd..lb. 2.60 - 3.00
Trioxide,[8] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —



PUTTING THE "CATS" through their paces

Designed and built in the laboratory of the Porocel Corporation, this device for measurement of surface area is only one of several very specialized pieces of equipment that our research staff uses in studying catalysts and catalytic behavior.

As pioneer developers of bauxite catalysts and carriers, our research activities have two main purposes—

- **To protect the quality and uniformity of our products.**
- **To help the petroleum and chemical industries to use these products by improving known processes and developing new ones.**

Before figuring the costs of a new catalyst or reagent using adsorbent materials, it will pay you to consult our Technical Staff. We have developed a great many applications of the versatile materials described here, and co-operative study with interested organizations has uncovered other valuable uses.

Many things we've learned in our laboratory and field studies are available to you. We'll also be glad to send you generous samples and technical data. Just write us about your catalytic problems. Probably we can help.

POROCEL — A long-lasting, hard and granular activated bauxite, used as a catalyst, adsorbent and catalyst carrier.

ISOCEL — The easy-to-use prepared catalyst — selected bauxite impregnated with anhydrous aluminum chloride.

CYCLOCEL — A specially prepared granular bauxite used as a cracking and cyclization catalyst.

POROCEL CORPORATION • BAUXITE ADSORBENTS AND CATALYSTS

260 SOUTH BROAD STREET, PHILADELPHIA 1, PA.

Tri-Sure News

★ 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK ★

The Sentinel That Nothing Can Pass

In the four corners of the world,
On guard-duty day and night,
Tri-Sure Closures protect the fuel
In the fight for Freedom's light.

Out there, they guard those drums of oil
For the weapons our boys use,
And safeguard planes and tanks and jeeps
Their cargoes and their crews.

There's no seepage, there's no leakage
When these closures guard the fuel,
For the seal, flange and plug

(A $100.00 War Bond will be given for the best last line)

Verse by Kay Twomey

WIN A $100 WAR BOND— Can you think of a last line for the verse above? A prize of a $100 War Bond will be given for the best line suggested. Try a few now — and send in as many as you wish. Print or type your name and address and mail to Contest Editor, American Flange & Manufacturing Co. Inc., 30 Rockefeller Plaza, New York 20, N. Y., to arrive not later than November 30, 1944. Decision of judges is final. All submissions become the property of American Flange & Manufacturing Co. Inc. No employees of this company or its subsidiaries are eligible to compete.

AMERICAN FLANGE & MANUFACTURING COMPANY INCORPORATED
TRI-SURE PRODUCTS LIMITED, ST. CATHARINES, ONTARIO, CANADA

Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works..lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works..lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
l.c.l. ..lb. .07 - .09
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis..lb. .25½- —
tanks, same basis..lb. .23½- —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works..lb. .46 - —
Monoethylaniline, dms..lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms..lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs..oz.11.10 - —
cns., 25 ozs..oz.10.90 - —
Acetate, bots., 5 ozs..oz. 9.00 - —
25 ozs..oz. 8.80 - —
Hydrobromine, 5 ozs..oz. 8.95 - —
cns., 25 ozs..oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs..oz. 8.80 - —
Sulphate, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs..oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works..lb. .12 - .13
Mullein leaves, cns..lb. .75 - —
Musk, nat., Tonquin, grains, bots. oz.40.00 -45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs..lb. 4.10 - 9.10
5 lbs..lb. 4.25 - 9.45
Musk, synth., ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs. to 75 lbs..lb. 4.25 - 9.35
5 lbs..lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more. lb. 1.40 - 2.05
25 lbs. to 75 lbs..lb. 1.50 - 2.60
5 lbs..lb. 1.65 - 2.90
Musk root, bls..lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs. lb. .16 - .16½
Montana, yellow, bgs..lb. .12 - .12½
Washington, yellow, bgs..lb. .12 - .12½
Myrobalans,[6] J1, whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account. ton.70.00 - —
crushed, same basis..ton.75.00 - —
J2, whole, bgs., same basis... ton.58.00 - —

N

Naphtha, painters (see Petroleum naphths, V. M. & P.).
Solvent (see S).
Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis..lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis..lb .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .03 - —
50-lb. cs., same basis...lb. .03½- —
1-lb. pkgs., same basis...lb. .03¾- —
Neocinchophen, USP, dms..lb. 7.30 - 7.10
Nepheline syenite, glass grade. 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Nerolin, cryst., cns..lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,8] carbonate, bbls..lb. .36 - .36½
Chloride,[6] obls..lb. .18 - .20
Cyanide,[6] bots., dms..lb. No stocks
Oxide,[6,8] black, bbls..lb. .35 - .38
Salt,[6,8] bbls..lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs..lb. .8660- —
tins, 10 lbs..lb. 1.015- —
Nicotinamide,[6] dms..kilo.13.25 -13.55
Nikethamide, bots., cbys..lb.17.00 -18.00
Nitercake, bulk, works..ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. ..lb .09 - —
tanks ..lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works. lb. .26 - —
5-7, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen, solut.,[6] tanks...ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bols..lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis..lb. .25 - —
Nutgalls,[6] Aleppo, bgs..lb. .44 - .45
Chinese, bgs..lb. .39 - .40
Nutmegs,[1] E. I., grinding, bgs., lb. .45 - .46
100's, bgs..lb. .47 - .48
West Indian, No. 1, bgs...lb. .34 - .34½
Nux vomica, ols..lb. .09 - .11
powder, bbls., bxs..lb. .12 - .13

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G.S..gal. .29 - —
10 gals., G.S..gal. .55 - —
tanks, G.S..gal. .13 - —
Octanol, normal,[6] tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A..lb. 4.50 Nom.
natural, USP, bots..lb. Nominal
sweet, exp., dms., cns...lb. 1.50 - 1.60
Angelica root, bots..lb.140.00-150.00
Seed, bots..lb. No stocks
Anilin (see A).
Anise, USP, cns., dms..lb. No stocks
Apricot kernel, cns..lb. .45 - .55
Avocado, cns., dms..lb. 1.05 - 1.25
Babassu,[1,5] tanks..lb. .1110- —
Bay, W. I., 50-55%, cns..lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns..lb. 2.25 - 9.85
natural, Italian, coppers...lb.25.00 Nom.
Brazilian, cns..lb.10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude..lb. No stocks
rectified, cns..lb. No stocks
Bois de Rose, Brazil, cns...lb. 4.50 - 4.75
Mexican (see lignaloe wood).
Bone, dms., works..gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech, dms..lb. 1.90 - 2.00
redistilled, USP X, cns...lb. 2.30 - 2.50
Calamus, cns..lb.22.50 -25.00
Camphor, sassafrassy, cns..lb. No stocks
white, cns..lb. No stocks
Cananga, native, cns..lb.11.75 -12.00
rectified, cns..lb.13.25 -14.00
Capsicum (oleoresin), USP VII. cns..lb. 4.50 - 4.65
Caraway, USP, cns..lb.17.00 -20.00
Cardamom, bots..lb.19.00 -21.00
Cassia, USP, cns..lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15½- —
l.c.l. ..lb. .16 - —
cold pressed, USP, bbls.,c.l.lb. .14 - —
cns. ..lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. ..lb. .14½- —
tanks ..lb. .13 - —
dehyd., bodied, dms., c.l....lb. .1790- —
l.c.l. ..lb. .1830- —
tanks ..lb. .1750- —
unbodied, dms., c.l. ....lb. .1690 - —
tanks ..lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. ..lb. .14½- —
dms., returnable, c.l....lb. .13½- —
l.c.l. ..lb. .14¼- —
tanks ..lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. ..lb. .11 - —
75% (53% fat), dms., c.l..lb. .12¼- —
l.c.l. ..lb. .13¼- —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l. ..lb. .14½- —
Cedarleaf,[1] cns., dms..lb. 2.65 - 2.85
Cedarwood, dms..lb. 1.00 - 1.25
Celery, bots..lb.19.50 -22.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood, (see Oil, tung).
Cinnamon bark oil, bots.....lb.36.00 -40.00
leaf oil, dms..lb. 1.50 - 1.55
Citronella, Ceylon, cns.....lb. .95 - 1.00
Java, cns..lb. No stocks
Clove, USP, cns..lb. 1.75 - 1.80
Coconut,[1,6] Manila, crude, bulk, c.i.f., N. Y..lb. .0835- —
ref. dms..lb. .0885- .0985
edible, ex tax, dms..lb. .0985- —
Cod, Newfoundland, dms...gal. .85 - .88
tankcar ..gal. .83 - —
Codliver,[6] med., USP, bbls., dms..gal. 2.30 - 2.40
Coriander, bots..lb.26.00 -35.00
Corn,[1,6] crude, tanks, works..lb. .12¾- —
edible, dms., l.c.l..lb. .16¼- .16½
tanks ..lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dlvd. E..lb. .03½- —
Cottonseed,[1,6] cooking, l.c.l., ref. dms..lb. .16¼- —
foots, acid, 95%, tankcar, dlvd. E..lb. .07¾- —
raw, 50%, tankcar, dlvd. E., lb. .03¾- —
salad, l.c.l., ref. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns..lb. 3.00 - 4.00
Cubeb, USP, cns..lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots..lb. 8.00 -10.00
Cypress, bots..lb.12.00 - —
Degras (see D).
Dilliseed, bots..lb.10.00 Nom.
weed, bots..lb. 4.75 - 5.00
Dip (see D).
Erigeron, cns..lb. 2.25 - 2.40
Eucalyptus, cns..lb. 1.10 - 1.20
Fennel, sweet, cns..lb. 4.50 Nom.
Fir, Canada, cns..lb. 2.00 - 2.75
Fishliver,[1,6] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram, per million units. .001 - —
200,000 or more A units .... per million units. .30 - —
Fuel (see Petroleum, fuel oil),
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns.....lb.12.00 -13.00
Bourbon, cns..lb.11.50 -12.50
Russian, cns..lb.15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns..lb. 2.00 - 2.10
Ginger, dist., bots..lb.20.00 -22.50
Hemlock, cns..lb. 2.65 - 3.24
Juniper berry, cns..lb.15.00 -16.00
wood, tecn., cns..lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. .90 - 1.00
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls..lb. .15 - —
prime, burning, bbls.....lb. .16 - —
fine, bbls. ..lb. .15½- —
Laurel, bots..lb. No prices
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. ..lb.11.00 -11.50
garden, cns. ..lb. .55 - .75
spike, Spanish, pure, cns...lb. 3.50 - 4.00
tech., cns..lb. 2.75 - 3.00

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Orange Oil is *our* business, and EXCHANGE Brand is your assurance of matchless *flavor, freshness,* and *uniformity* — your benefit of over 20 years of our experience in satisfying the requirements of American users.
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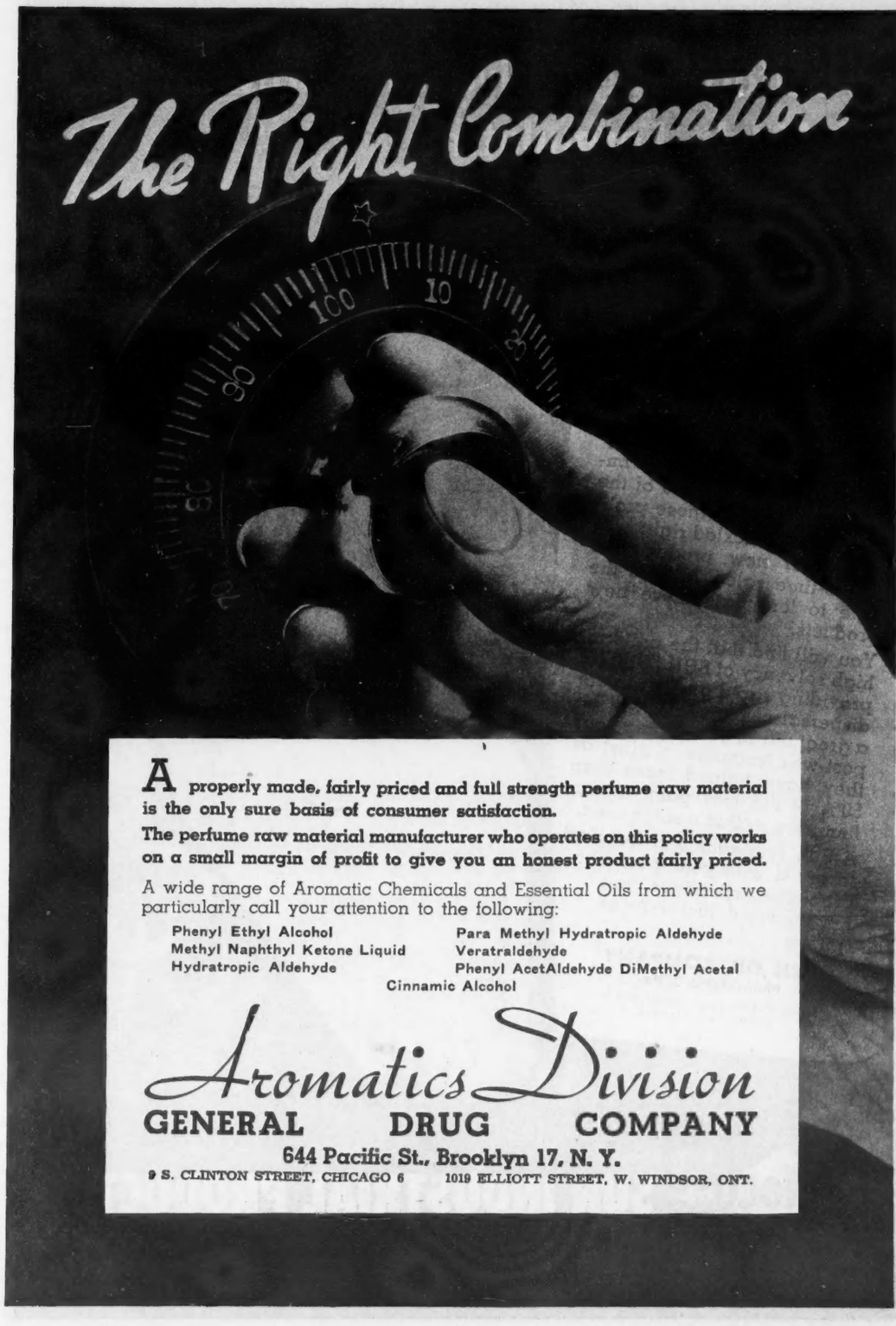
Oil, lavandin, cns., 25 lbs.....lb. 8.00 - —
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb.25.00 -50.00
Lemongrass, cns., dms.....lb. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns.....lb. 3.20 - 3.25
Lime, dist., Jamaica, cns....lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1550- .1560
l.c.l. .....lb. .1600- .1660
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 over raw.
Linseed replacem't, dms.....lb. .1310- .1510
tankcar .....lb. .1270- .1470
Lubricating,[1] at refinery, ex-tax, California, neutrals, pale, 200-800 vis., 2¾-4 pour, tanks..gal. .07⅛- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07⅛- .11⅛
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks..gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour, tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 pour, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .33
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers.....lb. No stocks
Menhaden,[1,5] crude, tanks, Balto..lb. .0825- .0890
light-pressed, ret. dms....lb. .1160- .1180
tanks .....lb. .1080- —
ref'd, alkali, ret. dms...lb. .1260- .1280
kettle-boiled, ret. dms....lb. .1360- .1380
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14⅝- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom.
Neroli, bots.....lb.220.00 -275.00
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Oiticica,[1] liquid, dms.....lb. .20 - .20¼
tankcars .....lb. .19¼- —
Oleo,[7] 1, bbls.....lb. .12¼ Nom.
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks
edible,[4] Calif., ⅛%-8% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks.
foots, 1 a .....lb. No stocks.
sulphonated, 50% (40% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices.
80% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
85% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brazilian, cns.lb. 1.10 - 1.15
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks.
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb.97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,8] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 5.50 Nom.
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¾- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .06 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-110 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis.gal. .08½- —
350° flash, 100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb.20.00 Nom.
Peanut,[1,5] crude, tanks, mill. lb. .13 - —
blchd., deod., tankcar.....lb. .1501- —
hydrogenated, tanks.....lb. .1573- .1578
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
import, cns. .....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks.
Petitgrain, Paraguey, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns. .....lb. 4.50 - 4.75
Pine,[1,6] ret., dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns. .....lb. 3.25 - 3.50
Putty,[3] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. .34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal. .....gal. .28 - —
* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.
Rapeseed,[1,5] bulk, New Orleans, lb. .1156½- —
Red,[5] dist. dms., dlvd.....lb. .12⅜- .13⅛
tanks, dlvd.....lb. .12 - —
double dist., ret. dms.....lb. .15¼- .16¼
Saponified, same prices.
Rose, natural, coppers.....oz.30.00 -40.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal. .72 - —
Rue, bots. .....lb. 8.25 Nom.
Sage, Spanish, cns.....lb. 3.50 - 5.00
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast..lb. .083 - .089
light-pressed, ret. dms.....lb. .1160- —
tanks .....lb. .1080- —
ref'd alkali, ret. dms....lb. .1260- —
kettle-boiled, ret. dms.....lb. .1360- —
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns. .....lb. No stocks
Savory, cns. .....lb. 8.00 - —
Sesame,[1,5] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns.....lb. No stocks
Soybean,[1,5] crude, tanks, Decatur..lb. .1175- —
clarif., dms.....lb. .1256- .1335
tanks .....lb. .1256- —

Oil, soybean, deod., Winter, tankcar..lb. .1393- —
ret. dms.....lb. .1500- .1540
foots, acid, 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dlvd. E..lb. .05½- —
refd., varnish, dms.....lb. .1380- .1400
tanks .....lb. .1340- .1345
Spearmint, dms.....lb. 4.00 Nom.
Sperm,[5] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 2.80
Sunflower, refined,[5] tanks...lb. .1468- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works. ton.58.65 -55.00
l.c.l., works.....ton.58.65 -63.65
tanks, works.....ton.40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[5] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13⅜- —
Tansy, cns. .....lb. No stocks
Tar,[1] pine, dms., c.l., dlvd. E. cities..gal. .32⅜- —
l.c.l., f.o.b. works.....gal. .29⅜- —
tanks, dlvd. E. cities....gal. .27 - —
rect., USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.50 - 3.50
white, cns.....lb. 2.65 - 4.00
Tung,[1,9] dms.....lb. .39½- .40
tanks .....lb. .38⅜- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Bourbon, bots.....lb.30.00 -35.00
Whale,[5] ref., natural, dms..lb. .1137 Nom.
winter, bleach, dms....lb. .1232 Nom.
Wheat germ, dms.....gal.10.00 -13.50
White mineral, tech., 50-60 vis., dms., c.l..gal. .38 - —
l.c.l. .....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l. .....gal. .42 - .45

Oil, white, mineral, USP, 80/90 vis., dms., dm. charges not included, c.l..gal. .39 - —
l.c.l. .....gal. .45 - .50
90/105 vis., dms., c.l..gal. .44½- —
l.c.l. .....gal. .50½- .53½
125/135 vis. dms., c.l...gal. .49 - —
l.c.l. .....gal. .55 - .58
145/155 vis., dms., c.l...gal. .54 - —
l.c.l. .....gal. .57 - .60
175/185 vis., c.l.....gal. .54½- —
l.c.l. .....gal. .60½- .63½
200/210 vis., c.l.....gal. .58 - —
l.c.l. .....gal. .64 - .67
320/350 vis., c.l.....gal. .65 - —
l.c.l. .....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l. .....gal. .72 - .75
San Francisco, 55, 70 and 85 vis., ret. iron dms., 65 dms..gal. .40 - —
64-1 dms.....gal. .42 - .45
100 vis., 65 dms.....gal. .49½- —
64-1 dms.....gal. .51½- .54½
145 vis., 65 dms.....gal. .57 - —
64-1 dms.....gal. .59 - .62
180 vis., 65 dms.....gal. .60½- —
64-1 dms.....gal. .62½- .65½
340 vis., 65 dms.....gal. .72 - —
64-1 dms.....gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns. .....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed,[1] cns.....lb. 5.00 - 5.15
Ylang-ylang, Bourbon, bots..lb. 9.50 -10.00
Oleostearin,[1] bbls.....lb. .1054- —
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, same basis.....ton. 7.00 - —
balls, same basis.....ton. 5.00 - —

Opium gum, USP, cns., 50-lb. lots..lb.13.00 - —
25-lb. lots .....lb.13.25 - —
smaller lots .....lb.13.50 -13.62
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroanilin toner,[1]..lb. 1.05 - —
Lake, Persian,[1], bbls.....lb. .39 - .46
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12½- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .12⅝- —
Colo., Mont., N. M., Wyo..lb. .12½- —
other points .....lb. .13 - —
smaller lots, dlvd. Ala., etc..lb. .12⅝- —
Ariz., etc. .....lb. .13⅛- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points.....lb. .12½- —
Molybdate,[1,6] bbls.....lb. .41 - —
Orthonitroanilin toner,[1] kgs., works..lb. .80 - —
bbls. .....lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .11 - .11½
sweet, bls.....lb. .16 - .20
Oregano, Mexican, curly leaf, bgs....lb. .09½- .10
flat leaf, bgs.....lb. .09 - .09½
Orris root, African, bls.....lb. .85 - .90
powd., bbls., bxs.....lb. .90 - .95
Portuguese, bls.....lb. .75 - .80
Verona, bls. .....lb. 1.25 - 1.30
Orthoamylphenol, dms., works..lb. .28 - —
Orthoanisidin, bbls. .....lb. .70 - —
Orthochloroanilin, dms. .....lb. .80 - —
Orthochlorophenol, dms.....lb. .25 - .27



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The perfume raw material manufacturer who operates on this policy works on a small margin of profit to give you an honest product fairly priced.

A wide range of Aromatic Chemicals and Essential Oils from which we particularly call your attention to the following:

Phenyl Ethyl Alcohol
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Para Methyl Hydratropic Aldehyde
Veratraldehyde
Phenyl AcetAldehyde DiMethyl Acetal
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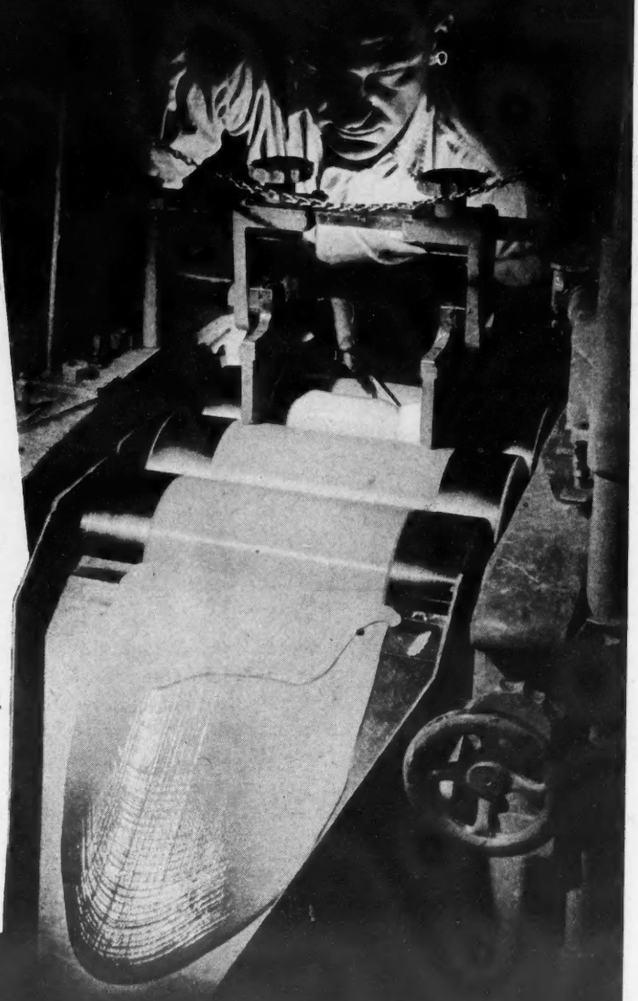
Orthocresol,[3,6] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
29.0°C. Min. M.P., dms., c.l., works..lb. .16¾- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniline, dms. .....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .16
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. .....lb. .00 - —
Orthophenetidin, dms. .....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls....lb. .25 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots .....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.15 - 2.25
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.35
sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs..lb. .28½- .29
Portuguese, choice, bgs.....lb. .40 - .41
extra fancy, bgs.....lb. .39 - .40
good, bgs.....lb. .37 - .38
Spanish, fancy, bgs.....lb. .44 - .44½
good, bgs.....lb. .38 - .39
fair, bgs.....lb. .32 - .33
Para-anisidin, dms., works....lb. .75 - —
Parachlorophenol, dms., wks..lb. .32 - —
Paracresol,[6] bbls., wks.....lb. .41 - —
Paracymene, dms., c.l., works..lb. .1505- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .12
l.c.l., same basis.....lb. .12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, same basis, lb. .0530- —
Paraffin, fully ref'd, slabs, loose, 122-124 ASTM, same basis, lb. .0520- —
125-127 ASTM, same basis, lb. .0560- —
127-129 ASTM, same basis, lb. .0585- —
128-130 ASTM, same basis, lb. .0585- —
130-133 ASTM, same basis, lb. .0615- —
132-134 ASTM, same basis, lb. .0640- —
135-137 ASTM, same basis, lb. .0715 - —
140-142 ASTM, same basis, lb. .0610- —
146-148 ASTM, same basis, lb. .1060- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,6] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal.dms., l.c.l., works..lb. .12 - —
and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys.....lb. .35 - .45
Paranitroaniline, kgs., works...lb. .43 - .45
Paranitrochlorobenzene, kgs., works..lb. .15 - —
Paranitrophenol, kgs.....lb. .85 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., kgs..lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works.....lb. .48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld..lb. .23 - .27
l.c.l., same basis.....lb. .22 - .28
Passion flower herb, bls.....lb. .16 - .20
Patchouli leaves, bls.....lb. .34 - .45
Pectin, bbls.....lb. .85 - —
Penicillin,[6] hospitals, institutions, ampules per 100,000 units. 2.40 - 2.60
for gov. purchases, ampules, per 100,000 units. 1.50 - —
Pennyroyal leaves, bls.....lb. .16 - .18
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., divd. lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l.....lb. .33 - —
Tetra-acetate, bbls., divd....lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .07½- —
laboratory grade, dms., c.l., gal. .16 - —
l.c.l. .....gal. .29 - —
10 gal.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs...lb. .10 - —
50 to 100 bgs.....lb. .1050- —
4 to 24 bgs.....lb. .1100- —
red, chillies, Carolina, longs, bgs..lb. .30 Nom.
sports, bgs.....lb. .45 - .46
Congo, bgs.....lb. .25 Nom.
Louisiana, sports, bgs....lb. .45 - .46
longs, old crop, bgs.....lb. .27¼- .27¾
Pepper, red, chillies, Mombassa, bgs..lb. .22¼- .22¾
Niger, fair, bgs.....lb. .23 Nom.
Sierra Leone, bgs.....lb. .22 - .22¼
Unganda, washed, bgs...lb. No stocks
white, 15 tons, bgs.....lb. .0851 Nom.
24 bgs.....lb. .1295 Nom.
Peppermint, USP, bls.....lb. .80 - .85
Import, bls.....lb. .90 Nom.
Perchloroethylene,[6] dms., c.l., works, frt. alld., Zone 1..lb. .0782- .0800
l.c.l., same basis.....lb. .0832- .0850
Zone 2, dms., c.l., works, frt. alld..lb. .0832- .0850
l.c.l., same basis.....lb. .0832- .0900
Perchloroethylene, Zone 3, dms., c.l., works, frt. equald..lb. .0832- .0900
l.c.l., same basis.....lb. .0932- .0950
Zone 4, dms., c.l., f.o.b. stock point..lb. .0832- .0900
l.c.l., same basis.....lb. .0932- .0950
Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l...lb. .021 - —
golden Topaz, bbls., c.l....lb. .032 - —
l.c.l. .....lb. .036 - —
red, veterinarian, bbls., c.l.lb. .024 - —
l.c.l. .....lb. .028 - —
USP, amber, dms., c.l.....lb. .03¼- —
l.c.l. .....lb. .04½- —
extra amber, dms., c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
cream, c.l., dms.....lb. .04¾- —
l.c.l. .....lb. .06¾- —
yellow, soft, dms., c.l.....lb. .03¼- —
l.c.l. .....lb. .04½- —
white, lily, dms., c.l.....lb. .05½- —
l.c.l. .....lb. .07 - —
snow, c.l., dms.....lb. .06¼- —
l.c.l. .....lb. .07¾- —
soft, c.l., dms.....lb. .05½- —
l.c.l. .....lb. .06¾- —
Deposit on ret. dms., $4.
Petrolatum prices dms. extra, ret.
Petroleum, crude, bulk, at wells, California, heavy grades..bbl. .93 - 1.01
Illinois .....bbl. 1.37 - —
Kentucky, Union County..bbl. 1.32 - 1.37
Louisiana-Arkansas .....bbl. .86 - 1.20
Oklahoma-Kansas .....bbl. .85 - 1.25
Pennsylvania .....bbl. 1.31 - 3.00
Texas, Gulf Coast.....bbl. 1.06 - 1.86
North, North-Central.....bbl. 1.01 - 1.25
West .....bbl. .70 - 1.19
Panhandle .....bbl. 1.10 - 1.22
Savannah, Ga.....bbl. 1.60 - 1.77
Wyoming .....bbl. 1.12 - —
Ether, laboratory, grade, 30-60° C., dms., c.l., Group 3.. gal. .16 - —
l.c.l. .....gal. .29 - —
10 gals.....gal. .55 - —
35-60° C., dms., c.l.....gal. .29 - —
10 gals.....gal. .55 - —
40-75° C., dms., c.l.....gal. .16 - —
l.c.l. .....gal. .29 - —
10 gals.....gal. .55 - —
Fuel oil, furnace, tanks, at refinery:—
Arkansas, No. 1.....gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy....bbl. 1.10 - —
light .....bbl. 1.20 - —
diesel .....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3....gal. .03½- —
Group 3, No. 5.....bbl. .55 - —
No. 6.....bbl. .50 - .55
Kansas, No. 6.....bbl. .55 - .60
Oklahoma, No. 2.....gal. .03½- —
No. 6.....bbl. .90 - —
14-16 .....bbl. .97 - —
Pennsylvania, No. 1..gal. .07 - .07¾
No. 2.....gal. .07 - .0805
No. 3.....gal. .06¾- .07¾
36-40 gravity.....gal. .07 - .07¾
bunker C, Baltimore Md..bbl. 1.63 - 1.77
Boston, Mass.....bbl. 1.62 - 1.77
Charleston, Mass.....bbl. 1.60 - —
Jacksonville, Fla.....bbl. 1.60 - —
New York, N. Y.....bbl. 1.65 - 2.07
Norfolk, Va.....bbl. 1.65 - 1.77
Philadelphia, Pa.....bbl. 1.65 - —
Portland, Me.....bbl. 1.80 - —
Providence, R. I.....bbl. 1.65 - —
Savannah, Ga.....bbl. 1.65 - 1.77
Wilmington, N. C.....bbl. 1.65 - —
Lacquer diluent, at refinery:—
California, 100 l.b.n., 200 e.p., tanks, divd. Los Angeles, gal. .11 - —
Fort Wells, Wash..... .gal. .12 - —
San Francisco....gal. .11½- —
Willbridge, Ore...gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11½- —
gal. .07¾- —
Group 3, bensol type, tanks, toluol type, tanks..gal. .07¾- .07¾
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks.. gal. .10½- —
193-200 b.r., tanks..gal. .10½- —
246-397 b.r., tanks..gal. .10½- —
312-408 b.r., tanks..gal. .09 - —
362-458 b.r., tanks..gal. .09 - —
East Coast, N. J., N. Y..gal. .10 - —
Group 3, tanks.....gal. .06¼- —
tankwagon, Baltimore.....gal. .12 - .13
Boston .....gal. .12 - —
Bridgeport, Conn.....gal. .1630- —
Buffalo .....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Hartford .....gal. .1630- —
Kansas City, Mo.....gal. .1480- —
Lancaster, Pa.....gal. .12 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark (200 gal.).....gal. .11 - —
New York (200 gal.)....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .129 - —
Providence .....gal. .13 - —
Rochester .....gal. .1330- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Washington, D. C.....gal. .13 - —
Wilmington, Del.....gal. .13 - —
Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- —
tankwagons, Newark....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .123- —
St. Louis.....gal. .1470- —
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J .gal. .21½- —
No. 2, over 90% arom., same basis..gal. .21½- —
No. 3, same basis.....gal. .23½- —

The Uniform, High Solvency of SUN SPIRITS Will Aid In Formulating Your Post-War Paints



When war contracts are terminated, there will be many problems demanding your immediate attention. One of the most important of these problems can be tackled right now . . . your new products for peace-time sales. Now is the time to formulate these new products.

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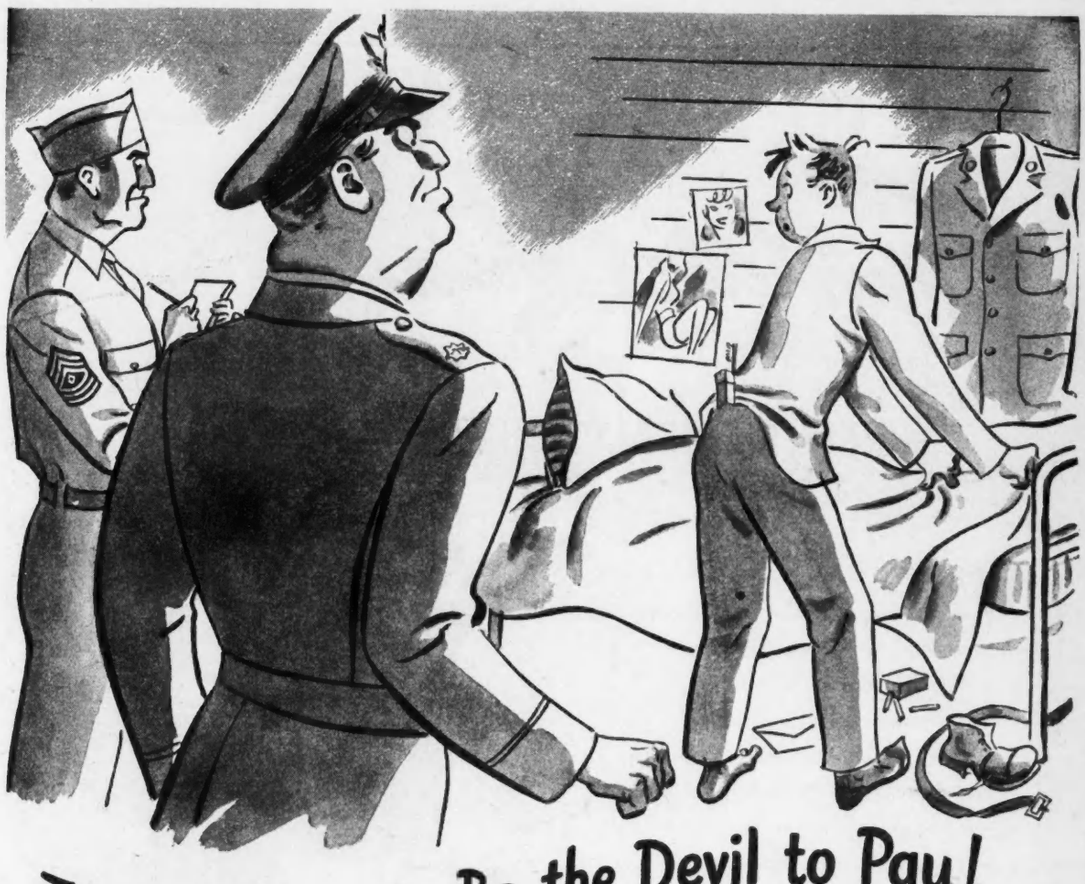
SUNOCO SUN INDUSTRIAL PRODUCTS
HELPING INDUSTRY HELP AMERICA

Petroleum, naphtha, high-solvency, No. 8, tanks, same basis..gal. .228 - —
No. 80, tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .223 - —
No. 40, tanks, Wilmington, Cal..gal. .13½- —
V.M.&P., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-77 190 l.p.b., 310 e.p. tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco....gal. .10¼- —
Portland, Seattle..gal. .11 - —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1280- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1620- —
Newark .....gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .126 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .26½- —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- .07½
Stoddard (CS 8-53), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06¾- —
Pennsylvania, western, tanks..gal. .07¼- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12¼- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Petroleum xylol solvent. See Xylol petroleum solvent.
Phenobarbital, 5-lb. cns.....lb. 3.65 - 3.76
dms., 100 lbs.....lb. 3.50 - —
Phenol,[2,5] 90-93% (cresol, 5-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10¼- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis.....lb. .10½- .10¾
tanks, same basis.....lb. .08¾- .09¼
USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .93
yellow, fib. dms., 2,000 lbs...lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, N.F., fib. dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut.. bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 2.45 - 3.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.00
Phenylhydrazin, base, CP, bots. lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works....lb. 1.75 - —
Phloroglucinol, CP, fib. dms...lb. 13.75 - 14.75
tech., fib. dms.....lb. 12.00 - 13.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate rock,[1,5] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l.....long ton. 2.20 - —
70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.60 - —
72%-70% b.p.l., M.P.R. 240 provisions, same basis..long ton. 3.20 - —
75%-74% b p.l., M.P.R. 240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
30%, P_2O_5 minimum, short ton. 2.90 - —
31%, P_2O_5 minimum.. short ton. 3.10 - —
70%, basis 32%, P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% l. & a., M.P.R. 240 provisions, same basis, long ton. 5.00 - —
72%-70% b.p.l., 5½% l. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30%, P_2O_5, same basis..... short ton. 4.85 - —
31%, P_2O_5, same basis.. .. short ton. 4.95 - —
33%, P_2O_5, same basis..... short ton. 5.20 - —
38%, P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
Yellow, dms.....lb. .25 - —
cs.....lb. .28 - .26
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .08 - .09¼
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vls..oz. 3.90 - 5.25
Nitrate, bots., vls.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .21½- .22
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.85 - 1.90
Piperazine hexahydrate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar,[5] 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —
Pitch, cottonseed, dms., works..lb. .04 - .06
Hardwood, paper bgs., works..lb. .06½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06
Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns.....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09¾- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ¼c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .23 - .32
Carbonate, calc., bbls., c.l., works..lb. .06½- —
l.c.l., same basis..lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms.....lb. .14 - .30
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
Potash caustic, flake, 45% basis, dms..lb. .08½- .08½
tanks .....lb. .02½- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., bgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- .11¾
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, tech., cryst., 96%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .33¾
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. *3 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.46
dms. .....lb. 1.35 - 1.38
Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Potash Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[5] future shipt., subject to safe arrival. unit-ton. .53¼- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31
Perchlorate,[5] kgs., works....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20¼- .21
Prussiate, red, bbls., dms....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .16 - —
Silicate, glass, bgs., c.l., wks. ton. 290.00 - —
l.c.l .....100 lbs. 15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
29° Be, ret. dms., l.c.l., 5 or more, works..100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
33° Be, ret. dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —



There's Going to Be the Devil to Pay!

Yes—and there's the devil to pay in your plant if lack of uniformity in solvents throws the whole production line out of gear.

But—you can avoid that headache by specifying SKELLYSOLVE. A given type of SKELLYSOLVE ordered tomorrow, or any time, will be identical in characteristics with that same type ordered now. SKELLYSOLVE means dependable uniformity, because, in refining it, we depend on *accurate, scientific, instrumented quality control.*

SKELLYSOLVE
***in the* OIL, PAINT *and* DRUG FIELD**

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLY OIL COMPANY · SKELLY · SHOWS QUALITY · LEADERS OF PETROLEUM ADVANCE

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Potash silicate, solut., 40.5° Be, ret. dms., c.l., works, 100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, N.F., gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[e] basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton.26.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[4] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .40 - .42
Berries, bgs.....lb. .23 - .26
Prince's pine herb, bls.....lb. .65 - .70
Procaine hydrochloride, cns., 100-lb. lots..lb. 3.75 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[e] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Flea seed).
Pulsatilla, bls.....lb. .65 - .66
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0¼, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04½- —
Pumice in bbls., is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).

Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1,e] concentrate, de-waxed, 20% for aerosol bombs, bbls., works.....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.10.65 - —
Powers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33½- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[e] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis....ton.13.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton.11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
works..lb. .17 - —
China, white, ivory, cs., dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottles, cs., works. lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 -

Q

Quassia chips, bls.....lb. .09 - 10
Quebracho extract,[e] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04⅞- .05⅛
clarified, 64%, bgs., c.l., same basis..lb. .05⅝- .05⅝
dissolved, 85% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
l.c.l., bgs.....lb. .0825- .0950
Queen of the meadow root, bgs. lb .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .13½- —
Quicksilver,[1] flasks (76 lbs. net)..flask.114.00 -115.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[e] NF V, cryst., cns.oz. 1.03 + .13½[5]
powd., precip., cns.....oz. 1.01 + .13⅝
Sulphate, USP, cns.....oz. .71 + .13⅛

[5] Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[e] NF, cns., 100 ozs...oz. .84 + .13⅛[5]
Acetate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenate, cns., 100 ozs.....oz. 1.05 + .13⅛
Arsenite, cns., 100 ozs..... 1.07 + .13⅛
Bisulphate, USP, cns., 100 ozs. oz. .60 + .13⅛
Citrate, cns., 100 ozs.....oz. .78 + .13⅛
Dihydrobromide, bots., 50 ozs. oz. .86 + .13⅛
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13⅛
Quinine ferrocyanide, cns., 100 ozs..oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.90 + .13⅛
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13⅛
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13⅛
Hydriodide, cns., 100 ozs..oz. 1.05 + .13⅛
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs. oz. .80 + .13½
Salicylate, NF, cns., 100 ozs.. oz. .79 + .13⅛
Sulphate, USP, cns., 100 ozs. oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13⅛
Tannate, USP X, cns., 100 ozs. oz. .63 + .13⅛
Tartrate, cns., 100 ozs.....oz. 1.03 + .13⅛
Valerate, NF IV, 100 ozs.....oz. .99 + .13½

[e] Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[e] USP, cns..oz. .81 + .13⅛[e]
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.25 - 1.30
Red, alizarin lake,[2] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .35 - —
medium shades, bbls., same basis..lb. .30 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works, lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 8.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis..lb. .06¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .80 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[2] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 2.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,[3] NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .17 - .18
Rhubarb, whole, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Riboflavin, bots., 100 grams.kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls.....lb. .09 - .09½
Spanish, bls.....lb. .13¾- .14½

Synthetic Quinine —NEW MEDICAL TRIUMPH

WHEN TWO young scientists recently succeeded in synthesizing quinine for the first time, they accomplished what other scientists had been trying to do for more than a hundred years.

To these two young men the world owes a great debt. For today virtually all sources of natural quinine are in the hands of the enemy, and this development offers new hope in the constant battle against malaria in many lands throughout the globe.

But to those scientists who strove long and tirelessly in the past goes much credit, too. For their efforts laid the groundwork... saved precious time and labor for these modern researchers...provided that priceless "Margin of Experience" upon which the final success was built.

• • •

In every field of science, commerce and industry, the "Margin of Experience" proves again and again a vital factor to success. Niagara offers it in the field of electrochemical products. For Niagara has pioneered constantly in the development, improvement and adaptation to new uses of Liquid Chlorine, Caustic Potash, Caustic Soda, Paradichlorobenzene and Carbonate of Potash. Rely on Niagara's "Margin of Experience" for greater advantage in the use of these products.

AN ESSENTIAL PART OF AMERICA'S GREAT CHEMICAL ENTERPRISE

Niagara ALKALI COMPANY
60 East 42nd Street, New York 17, N. Y.
CAUSTIC POTASH • CAUSTIC SODA • PARADICHLOROBENZENE
CARBONATE OF POTASH • LIQUID CHLORINE

ADVENTURES IN THE "MARGIN OF EXPERIENCE"

Rosin, gum:—
B, dms., c.l.....100 lbs. 5.90 - —
D, dms., c.l.....100 lbs. 5.97 - —
E, dms., c.l.....100 lbs. 6.50 - —
F, dms., c.l.....100 lbs. 6.60 - —
G, dms., c.l.....100 lbs. 6.64 - —
H, dms., c.l.....100 lbs. 6.66 - —
I, dms., c.l.....100 lbs. 6.66 - —
K, dms., c.l.....100 lbs. 6.70 - —
M, dms., c.l.....100 lbs. 6.72 - —
N, dms., c.l.....100 lbs. 6.88 - —
W.G., dms., c.l.....100 lbs. 7.13 - —
W.W., dms., c.l.....100 lbs. 7.40 - —
X, dms., c.l.....100 lbs. 7.40 - —
Wood, F.F., dms., c.l...100 lbs. 3.78 - 3.98
Rotenone,[1,6] CP, bbls., works, lb.10.90 - —
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.ton.25.50 - —
l.c.l., same basis.....ton.37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls.....lb. .35 - .36
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .90 - .92
Spanish, tins.....lb.42.00 Nom.
Safrol, cns.....lb. 1.10 - 1.15
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .82 - .85
leucophylla, bgs., Pacific Coast lb. .45 - .48
Cyprus, good, bls.....lb. .19 - .19½
fair, bls.....lb. .16½- .17
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .18 - .18½
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib, dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.00 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.40 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo.200.00 -210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Spanish, bls.....lb. .25 - .26
dom., bls., f.o.b. Calif.....lb. .95 - .97
Saw palmetto berries, bgs.....lb. .25 - .30
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs, 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. 1.05 - 1.15
Senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .12 - .14
Serpentaria root, bls.....lb. 1.40 - 1.50
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs., lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs.....lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2) bbls., 1c. more; (3) kgs., 3c. more.

D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works, ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis...ton.35.00 -38.00
96-96%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00
hard-quartz, 90½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis....ton.18.50 - —
140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44⅝- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44⅝- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32⅜- —
Nucleinate, bots., dms.....oz. .308 - .338
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .05 - .08
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .17 - .18
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
l.c.l., dlvd.....lb. .05½- .06
NF, bbls., dlvd.....lb. .09½- .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10

Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.13 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works..100 lbs. .95 - —
Soda ash, extra light, 58%, bgs., c.l..100 lbs. 1.13 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.13
l.c.l., dlvd., Zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more, lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07⅝- —
l.c.l., works.....lb. .07½- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l. same basis.....lb. .12 - .14
kgs., l.c.l., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs., lb. .28 - .31
Cacodylate, 5-lb. bots., works, lb.17.00 - —
Carbonate (see Soda ash, soda monohydrate, soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70

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SOLVAY SALES CORPORATION Alkalies and Chemical Products Manufactured by The Solvay Process Company

Soda caustic, liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.... 100 lbs. 1.95 - —
70%, buyers' tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works.... 100 lbs. 2.00 - —
solid, 76%, dms., c.l., works.. 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash. Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate,[2,6] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08½- .09½
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms. .....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms. .....lb. .25½- .29½
Cyanide,[6] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10½
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb 1.04 - 1.06

Soda glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms. .....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs., c.l., works.100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms. jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l. same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.35
Molybdate,[6] anhyd., kgs., works. lb. .47 - —
Monohydrated, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis. ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00

Soda nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bgs., wks.....lb. .10 - —
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. 10 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —

Soda phosphate, tribasic, cryst., l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10½
spot .....lb. .10¾- —
bbls., contract, works....lb. .10 - .10¼
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald.. 100 lbs. 6.55 - —
l.c.l., same basis...100 lbs. 6.80 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[6] bbls., c.l., works. lb. .06½- .07
l.c.l., same basis.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works. 100 lbs. 1.95 - 2.15
tech., anhyd., bgs., less than 5 tons, works..100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, monohydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP., dms.....lb. .55 - .65
Sulphohydrate, liquid, 85% basis 100%, dms., c.l., works..lb. .06½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works, lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[6] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .20 - —
100-40,000 lbs., works...lb. .20 - .20½
less than 100 lbs., works, lb. .24 - —
Sorbitol,[6] com'l, dms., c.l., works, lb. .14¾- —
l.c.l., same basis.....lb. .15½- —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .50 - .55
Spikenard root, bls.....lb. .40 - .45
Spruce extract, liq., reg., bbls., c.l., works..lb. .02¾- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks..lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .16 - .17
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
Corn, powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls...lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.15
Sulphate, nat., 92% min., air-floated, 300 mesh, bbls., c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 - 5[illegible].00
Strophanthus seed, Komba, bgs., lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —

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To the land of the Totem Poles — flying time's from dawn to dusk. Because weight is a first consideration Gair containers and corrugated boxes play a vital part in overland and overseas shipping now and for the future. Gair by Air means maximum cargo at minimum tonnage. Write for booklet "Air Cargoes."
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Folding Cartons • Box Boards • Fibre and Corrugated Shipping Containers

Strychnine sulphate, cryst., cns., 100 ozs..oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - —
Sulphanilamide, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.10
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 90½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works..100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., works, lb. .18 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Baito..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 19%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple 40% and more a.p.a., bulk, producing points, Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Sweet Basil, bls., f.o.b. Calif..lb. .97 - .98

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Talc, dom., aluminum-flake type, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks..ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works, ton.13.00 - —
fine, New York, 325 mesh, 93 - 94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
imp., Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,6] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
50% (48% fat), dms., c.l...lb. .07¾- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,5] Brazil, bgs..lb. .06½- .07¼
Java, bgs.....lb. No stocks
Tar acid oil,[2,6] 15-18%, dms., c.i., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- .29¾
25%, dms., c.l., works.....gal. .30 - —
l.c.l., works.....lb. .32 - —
Pine, retort, dms., c.l., dlvd. East..gal. .32¾- —
l.c.l., works.....gal. .29¾- —
tanks, dlvd. East.....gal. .27 - —
Tara, powd., dlvd. N. Y.....ton.120.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms..lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .35 - .50
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F. VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchlorethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, bots., dms., 100 grams..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .80 - .82
Spanish, bls.....lb. .17½- .18
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.80
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,6] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15¼- —
smaller lots, dlvd....lb. .15½- .15¾
nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons, one deliv., dlvd..lb. .16¾- —
smaller lots, dlvd....lb. .17 - .17¼
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,6] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
calcium-rutile base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
magnesium base,[1,6] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls. ¼c. higher; Pac. cst. ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Titanium tetrachloride, CP, 55-gal., dms., works..lb. .57 - —
smaller pkgs, works....lb. .65 - 1.22
technical, 55-gal. dms., works, lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Tolidine base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West. Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .91
Tonka beans, Angostura, cks..lb. 2.50 - 3.00
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs. oz. .52 - —
Triacetin, dms., works.....lb. .27 - .32
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .68 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethane, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - —
Trichloroethylene,[6] d m s., c.l., works, Zone 1, frt. alld..lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l. prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
l.c.l., dlvd.....lb. .25½- .31½
tanks, dlvd.....lb. .24 - .30
Triethanolamine,[6] d m s., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethyloipropane, bbls.....lb. .85 - —
Triphenyl phosphate,[6] bbls....lb. .81 - .82
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).

FIRE!

The Most Terrifying of All Cries

NAYLEE
NAYPAR
CHLORINATED PARAFFIN
FOR
FIREPROOF
WATERPROOF
AND
MILDEW-PROOF
COATINGS

Heartrending loss of life and needless waste of matériel need NOT happen because of dangerous inflammable textiles. Particularly in places where people congregate, every precaution should be taken to prevent the danger of fire.

The need for fabric treated so as to render it resistant to fire, water, and mildew became acute when the war broke out. Now, in every corner of the globe, canvas, duck, and other textiles, impregnated with Naylee **Naypar** Chlorinated Paraffin is helping to save many lives and millions of dollars in matériel for our armed forces.

Tested and approved—successfully used in the impregnation along with other pigments of millions of yards of materials, **Naypar** has demonstrated its dependability under the most trying conditions. Now, **Naypar** is ready to do a job for you—noted for its stability, uniformity and compatibility and the fact that it is miscible in a wide range of solvents makes possible a much broader application for Chlorinated Paraffin. This would indicate many new uses in other fields. Consult us with your problems, our chemists may be able to help you determine the suitability of Naylee **Naypar** to your product. Write for FREE, informative folder, giving complete technical information on **Naypar**.

CHEMICALS
FOR INDUSTRY

NAYLEE CHEMICAL COMPANY

MILNOR ST. & ROBBINS AVE. PHILADELPHIA 35, PA.

(Warehouses from Coast to Coast)

Tuba root,[2,4] (see Derris root).
Tungsten metal, powd.,[2] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs...lb. .12 - .12½
Haitian, f.o.b. New Orleans, bls..lb. .09½- .10
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .86½- .87
sulphate-wood, dms., c.l....gal. .65 - .75
tanks.....gal. .57 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks.....gal. .60 - —
steam-dist.,[1] ret. dms.....gal. .80 - .83
tanks.....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium[6] oxide, black bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 40% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -80.00
import. cure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton.112.80- —
usual Atla. and Gulf ports, NH_3..ton.116.80 - —
C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Uva ursi leaves, bls.....lb. .22 - .23

V

Valerian root, NF, bls.....lb. .55 - .60
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb.10.00 Nom.
Mexican, cuts, tins.....lb.10.00 - —
whole, tins.....lb.11.00 - —
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin tins, 25 lbs. or more..lb. 2.35 - —
lignin tins, 25 lbs. or more, lb. 2.35 - —
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Trichloride (See Trichloroethane).
Vinylpyridin, ret. dms., works..lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
Vitamin B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .55 - .60
Wattlebark,[1] E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account... ton.53.00 - —
Wattle bark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account.... per ton.53.00 - —
extract[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks.....lb. .04¾- .05¼
solid, So. Afr., 62% tannin, ex dock..lb. .0572- .0597
E. Afr., 61% tannin, ex dock, lb. .05395- .05845
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
160°-165° m.p., white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots.....lb. .16¾- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
yellow, crude, African, bgs., ton..lb. .37½ Nom.
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .44¾ Nom.
unbleachable, bgs., ton, lb. .41½ Nom.
ref'd, USP, bricks, bgs., ton, lb. .53¼-
disc., bgs., tons.....lb. .53½- —
ctns., ton.....lb. .56½- .58¾
rounds or squares, bgs., ton..lb. .57¼-
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
Candelilla,[1] crude, bgs., ton..lb. .34½- .35
smaller lots.....lb. .35½- .44½
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton lots..lb. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country No. 2, bgs., ton lots..lb. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83¼
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
Wax, carnauba, yellow, No. 1, bgs., ton..lb. .83¼- —
smaller lots.....lb. .84½- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82¾- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .85
carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15¼- .16
jobbing lots.....lb. .16¼- .17
160°-170° m.p., bgs., 1 ton, lb. .16¼- .17
jobbing lots.....lb. .17¼- .18
Japan, cs.....lb. No stocks
montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
smaller lots.....lb. .50½- .61¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .73
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l.....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l.....ton.25.00 -29.00
gilders, bolted, bgs., c.l...ton.20.00 -24.00
l.c.l.....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l.....ton.23.00 -27.00
Paris white, bgs., c.l., ton.24.00 -28.00
l.c.l.....ton.25.00 -29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., wks, ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l.....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls.....lb. .18 - .19
rossed, green, bls.....lb. .26 - .28
Wild indigo root, bls.....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .14 - .15
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .23
Levant.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .50 - .55

X

Xanthorrhiza, bls.....lb. .25 - .30
Xylene (see Xylol).
Xylol[6] (xylene), indus., dms. return., works..gal. .32 - —
Xylol (xylene), indust., tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
8°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
8°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nc. N. J.....gal. .26 - —
Xylidin, mixed, dms.....lb. .35 - .38

Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, C.P., bgs., l.c.l., dlvd. N. of Tenn. and N. C. E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .22 - —
Barium chromate price differentials on deliveries in the various other State and city zones are the same as those for chrome yellow, which are set forth below.
Benzidin, bbls., dlvd.....lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .08 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots.....lb. 1.85 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works.....lb. .02 - .02¾
French type, bbls., c.l....lb. .0345- —
l.c.l.....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth, bbls., c.l., works....lb. .07 - —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc,[6] bols., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls.....lb. .38 - .40
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .25 - .27
Yohimbine hydrochloride, vis..cs. 3.00 - 5.75

REFINED WAX

Fully refined, high melting point paraffin wax recovered from California petroleum.

143°-150°-A.M.P.
160°-165°-A.M.P.

Available slabs loose in cars, slabs in 100-pound fibre cartons, or solid pack in 375-pound fibre barrels.

Address Inquiries To:

STANDARD OIL COMPANY OF CALIFORNIA
225 Bush Street, San Francisco

CALIFORNIA COMMERCIAL COMPANY
30 Rockefeller Plaza, New York

THE CALIFORNIA COMPANY
U. S. National Bank Building
17th & Stout Streets, Denver, Colo.

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11⅞- .12½
l.c.l., same basis.....lb. .12¾- .13¼
Borate, bgs., c.l.....lb. .12 - —
l.c.l. .....lb. .12½- —
Carbonate, tech., rubber makers' grade, bbls., works..lb. .09¾- .10¼
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works..... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
solution, 50%, dms., c.l., works lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —

—*Continued on page 42*

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

A

Abalyn (see methyl abietate in Current Market Quotations)
Amberol, phenol formaldehyde type, F-7, extra light, bbls., c.l., works..lb. .15 - —
l.c.l., same basis....lb. .15½- .16
light, bbls., c.l., same basis lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
105-F, A-105-F, bbls., c.l., works..lb. .13 - —
l.c.l., same basis....lb. .13½- .14
B/S-1, extra light, bbls., c.l., works..lb. .13½- —
l.c.l., same basis....lb. .14 - .14½
light, bbls., c.l., same basis lb. .13 - —
l.c.l., same basis....lb. .13½- .14
dark, bbls., c.l., same basis lb. .12½- —
l.c.l., same basis....lb. .13 - .13½
M-82, bbls., c.l., works..lb. .14 - —
l.c.l., same basis....lb. .14½- .15
M-86, bbls., c.l., works..lb. .15 - —
l.c.l., same basis....lb. .15½- .16
M-88, bbls., c.l., works..lb. .15½- —
l.c.l., same basis....lb. .16 - .16½
M-93, bbls., c.l., works....lb. .16½- —
l.c.l., same basis....lb. .17 - .17½
226, bbls., c.l., works....lb. .22½- —
l.c.l., same basis....lb. .23 - .23½
ST-137, bbls., c.l., works..lb. .33 - —
l.c.l., same basis....lb. .33½- .34
ST-137X, bbls., c.l., works. lb. .32 - —
l.c.l., same basis....lb. .32½- .33
rosin maleic type, 800, extra light and light, bbls., c.l., works..lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
F-7, dark, bbls., c.l., same basis..lb. .14 - —
l.c.l., same basis....lb. .14½- .15
F-77, bbls., c.l., works...lb. .18½- —
l.c.l., same basis....lb. .19 - .19½
F-71, light, bbls., c.l., works lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
K-12-A, bbls., c.l., works.lb. .15½- —
l.c.l., same basis....lb. .16 - .16½
801, extra light and light, and 801P, bbls., c.l.lb. .15 - —
l.c.l., same basis....lb. .15½- .16
806P, bbls., c.l., works...lb. .15½- —
l.c.l., same basis....lb. .16 - .16½
808, bbls., c.l., works....lb. .16½- —
l.c.l., same basis....lb. .17 - .17½
925, bbls., c.l., works....lb. .13½- —
l.c.l., same basis....lb. .14 - .14½
926, bbls., c.l., works....lb. .14½- —
l.c.l., same basis....lb. .15 - .15½
750, bbls., c.l., works....lb. .27 - —
l.c.l., same basis....lb. .27½- .28
Aroclors, distilled, dms., c.l, works..lb. .18 - —
ton lots, works.....lb. .18½- —
single dms., works.....lb. .19 - —
undistilled, dms., c.l., works.lb. .15½- —
ton lots, works.....lb. .16 - —
single dms., works.....lb. .16½- —

B

Bakelite, 100% paraphenyl phenol resin, pale, non-heat hardening BR-254, non-ret bbls., ton, works..lb. .33 - —
single dm. and less, works..lb. .33½- .36
100% phenolic, pale, non-heat hardening, BR-9432, non-ret. bbls., works..lb. .31 - —
single dm. and less, works..lb. .31½- .34
BR-4036, dms., non-ret. bbls., ton, works..lb. .37 - —
single dm. and less, works..lb. .37½- .40
BR-17700, non-ret. bbls., ton, works..lb. .32½- —
single dm. and less..lb. .33 - .35½
dark, non-heat hardening, BR-1329, non-ret. bbls., ton, works..lb. .29 - —
single dm. and less, works..lb. .29½- .32
BR-9434, non-ret. bbls., ton, works..lb. .25½- —
single dm. and less, works..lb. .26 - .28½
BR-9476, dms., non-ret. bbls., works..lb. .29 - —
single dm. and less, works.. lb. .29½- .32
pale, heat-hardening, BR-3360, non-ret. bbls., ton..lb. .36 - —
single dm. and less, works..lb. .36½- .39
BR-14634, non-ret. bbls., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
BR-10282, non-ret. bbls., ton, works..lb. .32 - —
single dm. and less, works..lb. .32½- .35
phenolic resins, oil modified, BR-2175 (MTO), non-ret. kgs., ton, works..lb. .38 - —
single kg. and less, works..lb. .38½- .41
BR-302, non-ret. dms., ton, works..lb. .346 - —
single dm. and less, works, lb. .351 - .376
Bakelite, phenolic resins, rosin-baking types, BV-1660, ret. dms., ton, works..lb. .30 - —
single dm. and less, works..lb. .30½- .33
BV-8936 (MTO), non-ret. dms., ton, works..lb. .20 - —
single dm. and less, works..lb. .20½- .23
BV-10673, ret. dms., ton, works..lb. .35 - —
single dm. and less, works..lb. .35½- .38
BV-16607 (MTO), non-ret. dms., ton, works..lb. .212 - —
single dm. and less, works, lb. .217 - .242
dispersion resins, phenolic, BK-3962-X, non-ret. dms., ton, works..lb. .277 - —
single dm. and less..lb. .282 - .307
XK-16700, non-ret. dms., ton, works..lb. .27 - —
single dm. and less..lb. .27½- .30
non-phenolic, XK-16624, non-ret. dms, ton, works. lb. .225 - —
single dm. and less....lb. .23 - .255
resin modified, BR-2072, non-ret. bbls., ton, works..lb. .23 - —
single dm. and less, works. lb. .23½- .26
BR-2963, non-ret. bbls., ton, works..lb. .22 - —
single dm. and less, works. lb. .22½- .25
BR-11504, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less.....lb. .18½- .21
BR-11544, non-ret. bbls., ton, works..lb. .18 - —
single dm. and less.....lb. .18½- .21
phenolic lacquer resins and solutions, XR-3180, non-ret. dms., ton, works, single dm. and less..lb. .45 - — .45½- .48
Bakelite, phenolic lacquer resins, solut., XR-4357, dms., works..lb. .45 - —
single dm. and less..lb. .45½- .48
BJ-15408, non-ret. bbls., ton, works..lb. .24 - —
single dm. and less.....lb. .24½- .27
XJ-10433, ret. dms., ton, works..lb. .37 - —
single dm. and less..lb. .37½- .40
BR-9366, non-ret. bbls., ton, works..lb. .18½- —
single dm. and less..lb. .19 - .21½
100% phenolic, rosin reactive, XR-15775, non-ret. dms., ton, works..lb. .33½- —
single dm. and less..lb. .34 - .36½
XR-15776, ret. dms., dm. charges included, ton, works..lb. .50 - —
single dm. and less..lb. .50½- .53
glycerine reactive, BR-10025, dms., ton, works..lb. .28 - —
single dm. and less..lb. .28½- .31
C-9 resins, solid types, BR-13202, non-ret. bbls., ton, works, lb. .15 - —
single dm. and less..lb. .15½- .18
BR-13260, non-ret. bbls., ton, works..lb. .37 - —
single dm. and less....lb. .375 - .40
liquid types, BR-14590, non-ret. dms., ton, works..lb. .26 - —
single dm. and less..lb. .26½- .29
XR-15780, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
BR-16640, non-ret. dms., ton, works..lb. .34 - —
single dm. and less..lb. .34½- .37
XR-15840, dms., ton, works. lb. .34 - —
single dm. and less..lb. .34½- .37

Bakelite prices are f.o.b. manufacturer's plant or warehouse; minimum charges prepaid to destination in the United States on shipments of standard drum quantities or multiples thereof, with the exception of those to Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming, deliveries to which cost 1c. per lb. more.

Made-to-order materials marked (MTO) are those which are not stock materials (not stocked because of changes that occur in physical properties when stored for any length of time) and which therefore have to be manufactured upon receipt of orders and allocation of raw materials.

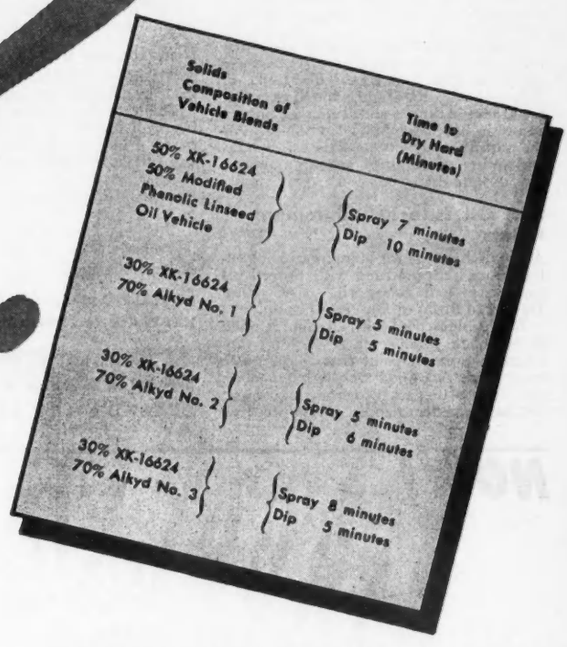
Beckacite, 1100 M-K, 1112-WG-N, dms., c.l..lb. .14 - —
l.c.l., same basis.....lb. .14½- .15
1102, M-K, dms., c.l.....lb. .12 - —
l.c.l., same basis.....lb. .12½- .13
1116, K-1, 1123 M-K, dms., c.l., same basis..lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
1124, M-K; P-306, M-K, dms., c.l..lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
P-405, N-K, dms., c.l.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½
P-406, M-I, dms., c.l.....lb. .13 - —
l.c.l., same basis.....lb. .13½- .14
1110, N-M, dms., c.l.....lb. .13½- —
l.c.l., same basis.....lb. .14 - .14½
IIII WG-N, No. 1120, M-K, dms., l.c..lb. .15 - —
l.c.l., same basis.....lb. .15½- .16
Beckamine, P-2, works, dms., c.l..lb. .11½- —
l.c.l., same basis.....lb. .12 - .12½
P-138, works, dms., c.l.....lb. .22 - —
l.c.l., same basis.....lb. .22½- .23
P-196, dms., c.l.....lb. .26 - —
l.c.l., same basis.....lb. .26½- .27
P-198, accelerator, works, dms., c.l..lb. .28 - —
l.c.l., same basis.....lb. .28½- .29

BAKELITE

TRADE-MARK

XK-16624 O.K.

FOR FASTER, PREDETERMINED DRYING TIME



ADD BAKELITE DISPERSION RESIN XK-16624 to your oleoresinous varnishes and you'll greatly accelerate drying time. The above chart shows the rapid acceleration of drying times for certain highly pigmented formulations. The figures cited apply only to the vehicles indicated. Other pigmented formulations offer differing, though proportionately fast, drying rates.

BAKELITE XK-16624 contains but small quantities of critical materials. It is available *now*, and opens for you another opportunity to fill government and essential civilian requirements with high-quality, high-speed coatings that have excellent resistance to subsequent lacquer coats.

Incorporated with oleoresinous varnishes, BAKELITE dispersion resin XK-16624 will serve widely as coatings for automotive and steel railroad cars, machinery, food-can exteriors, and ordnance ammunition. It can be formulated, as well, into highly durable coatings for farm implements, household appliances, and the broad field of product finishes.

Write Department 29 for additional information on BAKELITE dispersion resin XK-16624, and for formula suggestions for primers and top coatings.

TRADE MARK

BAKELITE CORPORATION, 30 E. 42 St., New York 17, N.Y.

Unit of Union Carbide and Carbon Corporation

UCC

Coating Resins

Beckamine, P-364, works, dms., c.l.	lb.	.20½-	—
l.c.l., same basis	lb.	.21 -	.21¼
P-364, works, dms., c.l.	lb.	.13½-	—
l.c.l., same basis	lb.	.13½-	.14
Beckopol, 1400 M-K, dms., c.l.	lb.	.17½-	—
l.c.l., same basis	lb.	.18 -	.18½
solid, No. 18, 4-5 (80% M.S.), dms., c.l.	lb.	.26 -	—
l.c.l., same basis	lb.	.27 -	.28
No. 24, 4-5L (80% toluol), dms., c.l.	lb.	.33 -	—
l.c.l., same basis	lb.	.34 -	.35
No. 36, 4-5 (60% toluol), dms., c.l.	lb.	.38 -	—
l.c.l., same basis	lb.	.39 -	.40

C

Cumar resin, AX, non-ret. drums.	lb.	.06¼-	—
BX	lb.	.06¼-	—
CX, net weight	lb.	.061 -	—
DX, gross weight	lb.	.05¼-	—
EX, gross weight	lb.	.05¼-	—
Cumar resin, FX, gross weight,	lb.	.05¾-	—
FX, gross weight	lb.	.05¾-	—
MH, col. 1	lb.	.11¾-	—
1½-2	lb.	.10¾-	—
2½-3½	lb.	.09¾-	—
9	lb.	.06½-	—
MS	lb.	.10¾-	—
P 10°-90° C., col. 2½ and darker,	lb.	.10¾-	—
RH	lb.	.10¾-	—
RS	lb.	.10¾-	—
V col. ½	lb.	.12¾-	—
1	lb.	.11¾-	—
1½-2	lb.	.10¾-	—
2½ and darker	lb.	.09¾-	—
W col. ½	lb.	.13½-	—
1	lb.	.12½-	—
1½-2	lb.	.11½-	—
2½ and darker	lb.	.10¾-	—

All "P" grades with melting point below 50 degrees centigrade, and grades AX, BX and CX are shipped in steel drums, with the three last-mentioned grades reckoned on a net weight basis. All other grades are shipped in destructible fiber and metal drums, but their packaging is subject to change without notice. Prices are based on f.o.b. plant at Frankford, Pa., freight equalized with Pittsburgh, with no revisions for shipments made in fiber containers.

D

Durite, 1301, pale, one drum and over	lb.	.29 -	—
smaller lots	lb.	.30 -	—

Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, alkyd solution, A, dms., c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	.16½
B, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	.16
E, c.l., dlvd.	lb.	.16 -	—
l.c.l.	lb.	.16½-	.17
H-1, c.l., dlvd.	lb.	.19 -	—
l.c.l.	lb.	.19½-	—
PV, c.l., dlvd.	lb.	.16⅝-	—
l.c.l.	lb.	.17¼-	—
11, c.l., dlvd.	lb.	.16 -	—
l.c.l.	lb.	.16½-	—
22, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
22-B, c.l., dlvd.	lb.	.10½-	—
l.c.l.	lb.	.11 -	—
33, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
44, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	.16
44B, c.l., dlvd.	lb.	.16 -	—
l.c.l.	lb.	.15½-	.16
55, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	.16½
562, c.l., dlvd.	lb.	.16½-	—
l.c.l.	lb.	.17 -	—
640-N, c.l., dlvd.	lb.	.15½-	—
l.c.l.	lb.	.16 -	—
660-N, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	—
750, any quantity, dlvd.	lb.	.15 -	—
830, c.l., dlvd.	lb.	.17 -	—
l.c.l.	lb.	.17½-	.18
1800, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	.16
1825, c.l., dlvd.	lb.	.17½-	—
l.c.l.	lb.	.18 -	.18½
2185, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	.16
2195, c.l., dlvd.	lb.	.16 -	—
l.c.l.	lb.	.16½-	.17
2600, c.l., dlvd.	lb.	.18 -	—
l.c.l.	lb.	.18½-	—
2633, c.l., dlvd.	lb.	.14½-	—
l.c.l.	lb.	.15 -	—
2728, c.l., dlvd.	lb.	.16 -	—
l.c.l.	lb.	.16 -	.17
2775-BS, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	.16
4040, c.l., dlvd.	lb.	.15 -	—
l.c.l.	lb.	.15½-	.16

F

Flexalyn solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1	lb.	.1222-	—
l.c.l., 10 dms., same basis	lb.	.1297-	—
single dms., same basis	lb.	.1447-	—
smaller lots, same basis	lb.	.1947-	—
C solution, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1	lb.	.1147-	—
10 dms., same basis	lb.	.1222-	—
single dms., same basis	lb.	.1372-	—
smaller lots, same basis	lb.	.1872-	—

G

G, resin, dms., gross weight, works	lb.	.08 -	—
Geon polyvinyl resins, Nos. 101 and 102, 30,000 lbs, works	lb.	.38 -	—
5,000 to 29,999 lbs., same basis	lb.	.39 -	—
200 to 4,999 lbs., same basis	lb.	.41 -	—
up to 199 lbs., same basis	lb.	.55 -	—
No. 202, 30,000 lbs., works	lb.	.45 -	—
5,000 to 29,999 lbs., same basis	lb.	.46 -	—
200 to 4,999 lbs., same basis	lb.	.48 -	—
up to 199 lbs., same basis	lb.	.63 -	—
No. 203, 30,000 lbs., works	lb.	.48 -	—
5,000 to 29,999 lbs., same basis	lb.	.49 -	—
200 to 4,999 lbs., same basis	lb.	.51 -	—
up to 199 lbs., same basis	lb.	.66 -	—
Guai-a-phene, dms. (dm. deposit $6.00), works	gal.	2.47 -	—
4 gals. or multiples, glass jars, 4 jars in each paper carton, works	gal.	2.62 -	—
1-3 gals., cns., works	gal.	2.82 -	—

H

Hercolyn (see methyl abietate hydrogenated) in Current Market Quotations.

J

Jonite (see zinc-iron oxide pigment in regular list above).

K

Kadox (zinc oxide), East of Pacific Coast:—			
Nos. 15, 17 and 72, bgs., c.l., dlvd.	lb.	.07¾-	—
l.c.l., dlvd.	lb.	.07½-	—
bbls., c.l., dlvd.	lb.	.07½-	—
l.c.l., dlvd.	lb.	.07¾-	—
No. 25, bgs., c.l., dlvd.	lb.	.08½-	—
bbls., c.l., dlvd.	lb.	.08¾-	—
l.c.l., bgs., dlvd.	lb.	.08¾-	—
l.c.l., bbls., dlvd.	lb.	.09 -	—

Prices for kadox on Pacific Coast ½c. per lb. higher; l.c.l. prices ex warehouse.

Kopol, 500, esterfied, D-B, c.l.	lb.	.22 -	—
l.c.l.	lb.	.22½-	.23
501, fused, c.l.	lb.	.20 -	—
l.c.l.	lb.	.20½-	.21

L

Lewisol resin, 2 L, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1	lb.	.16½-	—
l.c.l., 10 dms., same basis	lb.	.17 -	—
1 dm., same basis	lb.	.17½-	—
smaller lots, same basis	lb.	.22½-	—
28, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1	lb.	.16½-	—
10 dms., same basis	lb.	.17 -	—
1 dm., same basis	lb.	.17½-	—
smaller lots, same basis	lb.	.22½-	—
33, non-returnable fiber dms., c.l., f.o.b. cars, destination, Zone 1	lb.	.16½-	—

Lewisol resin prices are f.o.b. cars, New England States, Middle Atlantic States, Va., W.Va., N.C., Ky., Ohio, Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo. Cost of non-returnable dms. is included in the price in each instance.

M

Metronite pigment, 120 and 180 mesh, containers extra, c.l., f.o.b. Milwaukee	ton	10.00 -	—
l.c.l., same basis	ton	14.00 -	—
250 mesh, containers extra, c.l., same basis	ton	15.00 -	—
l.c.l., same basis	ton	17.50 -	—
325 mesh, containers extra, c.l., same basis	ton	17.50 -	—
l.c.l., same basis	ton	20.00 -	—
400 mesh, containers extra, c.l., same basis	ton	20.00 -	—
l.c.l., same basis	ton	22.50 -	—

N

Nec-fat drying oil, 170, dms., c.l., dlvd.	lb.	.14¾-	—
190, dms., c.l., dlvd.	lb.	.18¾-	—
290, dms., c.l., dlvd.	lb.	.20¾-	—
fatty acid, 3R, dms., c.l., dlvd.	lb.	.13¾-	—
17, dms., c.l., dlvd.	lb.	.12¾-	—
19, dms., c.l., dlvd.	lb.	.16¾-	—

Nec-fat prices are ½c. per lb. higher in all States west of the Rocky Mountains. Drums in all instances are returnable.

Nevillac, pale, hard, color 1-2, melting point 85-95°C., drums, works	lb.	.19 -	—
hard, color 2-½-4, melting point 85-95°C., same basis	lb.	.17 -	—
soft, color, 2-½-4, melting point 65-75°C., same basis	lb.	.17 -	—
10 C, color ½-4, same basis	lb.	.24 -	—
LX-483 same basis	lb.	.23 -	—
OA, same basis	lb.	.45 -	—
Neville resin, R-1 nevindene, col. ½, dms., works	lb.	.13½-	—
R-3, nevindene, col. 1, dms., works	lb.	.12½-	—
R-5, nevindene, col. 1½-2, dms., works	lb.	.11¼-	—
R-6 nevindene, col. 2½-3½, dms., works	lb.	.10½-	—
R-7, N.P.S., col. below 3, dms., works	lb.	.12¾-	—
R-9, hard, col. ½, dms., works	lb.	.12¾-	—
R-10, hard, col. 1, dms., works	lb.	.11¾-	—
R-11, hard, col. 1½-2, dms., works	lb.	.10¾-	—
R-12, hard, col. 2½-3½, dms., works	lb.	.09¾-	—
R-13, medium, col. ½, dms., works	lb.	.12¾-	—
R-14, medium, col. 1, dms., works	lb.	.11¾-	—
R-15, medium, col. 1½-2, dms., works	lb.	.10¾-	—
R-16, medium, col. 2½-4, dms., works	lb.	.09¾-	—
R-16A, medium, col. 7-10, dms., works	lb.	.08½-	—
R-17, medium, soft, col. 3½-8, dms., works	lb.	.10¾-	—
R-19, medium soft, col. 3½-8, dms., works	lb.	.10¾-	—
R-21, soft, col. 3½-8, dms., works	lb.	.10¾-	—
R-22, special, soft, col. 3½-8, dms., works	lb.	.10¾-	—
R-27, medium, soft, col. 1, dms., works	lb.	.13¾-	—
R-28, medium soft, col. 1½-2, dms., works	lb.	.12¾-	—
R-29, medium soft, col. 2½-8, dms., works	lb.	.10¾-	—
R-33, R-34, color 10-15, dms., works	lb.	.0635-	—
R-35, color 10-15, dms., gross weight, works	lb.	.0575-	—
465, 110-125° C., dms., gross weight, Pittsburgh	lb.	.03½-	—

Neville resin prices, except 465 resin, are freight equalized with Phila. Less than full drum shipments are 5c. per pound additional, f.o.b. Neville Island, Pa.

Nevtex, 10, returnable dms., works	lb.	.08 -	—
90, returnable dms., works	lb.	.20 -	—
Nuba, 1, 80-95° C., dms., gross weight, works	lb.	.0290-	—
2, 100-125° C., dms., gross weight, works	lb.	.0260-	—
3x, 135-150° C., dms., gross weight, works	lb.	.04¼-	—
Nuodex drier, cobalt, 6%, 400-lb. pkgs, works	lb.	.31¼-	—
10½%, 100-lb. pkgs	lb.	.52 -	—
Iron, 6%, 400-lb. pkg	lb.	.14¼-	—
10%, 100-lb. pkgs	lb.	.22½-	—
Lead, 24%, 450-lb. pkgs	lb.	.14½-	.15½
32%, 450-lb. pkgs	lb.	.18¾-	—
34%, 100-lb. pkgs	lb.	.19½-	—
40%, 100-lb. pkgs	lb.	.23 -	—
28%, cobalt, 2.8%, 150-lb. pkgs	lb.	.30 -	—
manganese, 2.8%, 150-lb. pkgs.	lb.	.23¼-	—

Durez RESIN NEWS

Durez 50950 A NEW Resin

Durez 50950 is the latest of the Durez 500 Series of 100% phenolic resins.

It is a very pale resin, ranging from C4 to C9 on the Hellige color comparator. The melting point ranges from 116° C. to 126° C., capillary tube method, with an acid number of 45 to 65.

It is a low-solubility type resin and can be cooked with oils to produce fast-drying hard varnishes which have excellent resistance to water and alkali.

The resin is not soluble by itself in hydrocarbon or coal-tar fractions. However, when cooked into oils, the oil-resin base can be reduced with these solvents to produce pale, clear varnishes. The exceptional durability of this resin makes it ideal for spar varnishes which can be formulated in oil lengths down to 25 gallons.

Varnishes have been made following formulation as outlined in 52V17, 52V18, and 52V21. These are straight tung oil, equal parts of tung oil and linseed oil, and straight linseed oil.

Cooking procedure is simple and when using straight linseed oil consists of cooking all the resin with all the oil at 585° F. When equal parts of tung and linseed oil are used, the tung is added after the linseed and resin have been bodied at 585° F. All the varnishes are 60% solids using mineral spirits as thinner. Formula numbers are 50952 and 50965.

Soft Oil Exterior Aluminum Paints

A fast-drying exterior aluminum paint vehicle may be formulated with linseed oil and dehydrated castor oil, using either Durez 210 Resin or Durez 220 Resin.

When pigmented with aluminum paste this vehicle produces a fast-drying, very bright aluminum paint that is hard and tough with very good weathering properties. It may be packaged ready mixed and will have excellent stability. Paints prepared more than three years ago still retain excellent leafing properties. This vehicle is identified by the formula number V51049. The aluminum paint number is ERM51050.

Durez 50690 on Magnesium Alloys

Durez 50690 is an excellent thermosetting varnish of many applications. It has been used successfully on iron, steel, brass, bronze, copper, aluminum, and magnesium. It has been used on these materials regardless of their form... cast, rolled, or stamped.

Long-Oil Flat Paint Vehicle

In spite of the wide use of many water emulsion flat paints, there is still a great demand for flat paints of the long-oil varnish type.

A typical formulation of this type may be made with a combination of Durez 220 Resin and ester gum in a 50-gallon dehydrated castor oil varnish using 4 lbs. of lime. Ask for formula number V50266.

Calcicoater Vehicle

An excellent calcicoater vehicle may be made from linseed oil and Durez 209 Resin.

This vehicle is heavily soaped and may be used directly on porous surfaces. Because of its heavy body it readily bridges and therefore may be used without size. It is sufficiently inert so that it will not be burned by fresh plaster. Formula number 50341.

For samples or further information on above Durez resins, write to . . .

DUREZ PLASTICS & CHEMICALS, INC.
1311 Walck Rd., North Tonawanda, N. Y.

DUREZ
RESINS THAT FIT THE JOB

NOW! S&W **AROPLAZ 1306 1309 1305**

In addition to S&W Aroplaz 1306, the alkyd replacement now finding wide use in interior architectural and industrial coatings, U.S.I. now announces two variations of popular 1306. They are Aroplaz 1309 and Aroplaz 1305.

The two new resins differ from 1306 mainly in oil content. S&W Aroplaz 1309 contains slightly less oil and dries correspondingly faster; 1305 is still shorter, thus drying even faster and harder.

The three resins may be blended in any proportion to produce intermediate stages of drying time, hardness, and flexibility.

Write, wire, or phone for further information and samples.

★ **AVAILABLE QUICKLY WITHOUT PRIORITY**

★ **PERFORM LIKE MODIFIED ALKYDS**

SPECIFICATIONS

AROPLAZ	1306 65% SOLIDS in MS	1306 75% SOLIDS in MS	1309 75% SOLIDS in MS	1305 85% SOLIDS in MS
Acid Value (Plastic)	10-15	10-15	10-15	10-20
Color (GH 1933)	7-9	7-9	8-10	8-10
Viscosity (GH)	T-V	Y-Z_1	W-Y	Z_1-Z_3
Weight/Gal. @ 25C	7.6 lbs.	7.8 lbs.	8.0 lbs.	8.2 lbs.
Reportable Oil Content (Prox.) on plastic resin	65%	65%	60%	44%

U.S.I. INDUSTRIAL CHEMICALS, INC.
60 EAST 42ND ST., NEW YORK 17, N. Y.
CHEMICALS · RESINS · ANTI- · SOLVENTS · ALCOHOLS · FREEZE · USI SERVICE TO INDUSTRY
BRANCHES IN ALL PRINCIPAL CITIES

Nuodex drier, manganese, 6%, 400-lb. pkgs.....lb. .16¼- —
Zinc, 8%, 400-lb. pkgs.....lb. .16¼- —
10%, 400-lb. pkgs.....lb. .19¾- —
12%, 100-lb. pkgs.....lb. .23 - —
All prices are divd., east of Denver.

P

Paradene, No. 1, 75-99° C., dms., gross wt., works..lb. .05¼- —
2, 100-125° C., dms., gross wt., works..lb. .05¼- —
Paradene prices are freight equalized with Philadelphia, Pa.
Paradura, AV, 300-lb. bbls., c.l., divd..lb. .26 - —
l.c.l. .....lb. .29 - .30
C, c.l., divd.....lb. .33 - —
l.c.l. .....lb. .34 - .35
10-P, c.l., divd.....lb. .35 - —
l.c.l. .....lb. .36 - .37
46, c.l., divd.....lb. .22½- —
l.c.l. .....lb. .23 - .23½
273, c.l., divd.....lb. .23 - —
l.c.l. .....lb. .24 - .25
367, c.l., divd.....lb. .35 - —
l.c.l. .....lb. .36 - .37
540, c.l., divd.....lb. .35 - —
l.c.l. .....lb. .36 - .37
Paranol resin, extra hard, No. 1, 300-lb. bbls., c.l., divd..lb. .15 - —
l.c.l. .....lb. .15½- .16
Extra hard, No. 3, c.l., divd..lb. .14 - —
l.c.l. .....lb. .14½- .15
Hard, No. 1, c.l., divd.....lb. .13½- —
l.c.l. .....lb. .14 - —
No. 3, c.l., divd.....lb. .12½- —
l.c.l. .....lb. .13 - .13½
25, c.l., divd.....lb. .12½- —
l.c.l. .....lb. .13 - .13½
25, light, c.l., divd.....lb. .13 - —
l.c.l. .....lb. .13½- —
64-E, c.l., divd.....lb. .16½- —
l.c.l. .....lb. .17 - —
100, c.l., divd.....lb. .17 - —
l.c.l. .....lb. .17½- .18
105-B, c.l., divd.....lb. .13 - —
l.c.l. .....lb. .13½- .14
200, c.l., divd.....lb. .17½- —
l.c.l. .....lb. .18 - .18½
500, hard, c.l., divd.....lb. .14½- —
l.c.l. .....lb. .15 - .15½
extra hard, c.l., divd.....lb. .17 - —
l.c.l. .....lb. .17½- .18
800, extra light, c.l., divd....lb. .15 - —
l.c.l. .....lb. .15½- .16
800, dark, c.l., divd.....lb. .14 - —
l.c.l. .....lb. .14½- .15
850, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
1000, c.l., divd.....lb. .14½- —
l.c.l. .....lb. .15 - .15½
1700, c.l., divd.....lb. .16 - —
l.c.l. .....lb. .16½- .17
1750, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- —
1836, c.l., divd.....lb. .13 - —
l.c.l. .....lb. .13½- —
3046-C, c.l., divd.....lb. .22½- —
l.c.l. .....lb. .23 - .23½
3101, c.l., divd.....lb. .15¾- —
l.c.l. .....lb. .16¼- .16¾
3045, c.l., divd.....lb. .15 - —
l.c.l. .....lb. .15½- .16
Pentalyn A, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .18 - —
l.c.l., 10 dms., same basis, lb. .13½- —
single dms., same basis.....lb. .14 - —
smaller lots, same basis..lb. .19 - —
G, non-returnable fiber dms., c.l., f.o.b. cars, destination, Zone 1..lb. .14½- —
l.c.l., 10 dms., same basis..lb. .15 - —
single dms., same basis..lb. .15½- —
smaller lots same basis..lb. .20½- —
P.H.O., dms., works.....lb. .24 - —
Phencendensol V-120, non-ret. dms., divd.,c.l..lb. .14½- —
l.c.l., same basis.....lb. .15 - —
Piccolyte resins, S-10, S-25, S-40, bulk, net wt., f.o.b. Clairton, Pa., c.l..lb. .15 - —
l.c.l. .....lb. .15½- —
S-55, S-70, same basis, c.l.lb. .16 - —
l.c.l. .....lb. .16½- —
S-85, S-100, same basis, c.l.lb. .17 - —
l.c.l. .....lb. .17½- —
S-115, same basis, c.l.....lb. .18 - —
l.c.l. .....lb. .18½- —
Piccoumaron resins,[1] 420, 420-S, bulk, gross wt., f.o.b. Clairton, Pa., frt. equald..lb. .09 - —
420-T, same basis.....lb. .0675- —
422-R, 423-R, 425-R, 427-R, bulk, net wt., same basis.lb. .1075- —
430, 435, bulk, gross wt., same basis..lb. .045 - —
440-T, same basis.....lb. .0625- —
450, 450-H and 450-S, same basis..lb. .09 - —
450-EH, same basis.....lb. .0975- —
460-T, same basis.....lb. .0975- —
XX-35, XX-40, bulk, net wt., same basis..lb. .0625- —
XX-55, bulk, gross wt., same basis..lb. .0575- —
XX-70, XX-100, same basis.lb. .0525- —
XX-115, same basis.....lb. .0575- —
T-115, same basis.....lb. .0725- —
70%, 420-S Sol., ret. dms., net wt..lb. .075 - —
Piastopal, R-80, ret. dms., divd., c.l..lb. .13½- —
l.c.l., same basis.....lb. .13 - .14
Pliolite S-1 powder, ton lots, works..lb. .75 - —
dm. lots, same basis.....lb. .78 - —
less dm. lots, same basis, lb. .83 - —
milled S-1, ton lots.....lb. .84 - —
dm. lots, same basis.....lb. .88 - —
less dm. lots, same basis, lb. .93 - —
Plyophen, solution, 5000, c.l., works..lb. .18 - —
l.c.l., same basis.....lb. .18½- .19
5010, c.l., same basis.....lb. .18½- —
l.c.l., same basis.....lb. .19 - .19½
5011, c.l., same basis.....lb. .17½- —
l.c.l., same basis.....lb. .18 - .18½
5012, 5013, c.l., same basis..lb. .13 - —
l.c.l., same basis.....lb. .13½- .14
5014, c.l., same basis.....lb. .14½- —
l.c.l., same basis.....lb. .15 - .15½

R

Resinous oil, No. XI, returnable dms., works..lb. .0160- —

S

Silene (see Calcium silicate hydrated under C in Current Market Quotations)
Staybelite ester, No. 1, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .17½- —
10 dms., same basis.....lb. .18½- —
1 dm., same basis.....lb. .19½- —
smaller lots, same basis....lb. .24½- —
No. 2, returnable black iron dms., c.l., f.o.b. cars, destination, zone 1..lb. .1824- —
No. 3, returnable black iron dms, c.l., f.o.b. cars, destination, zone 1..lb. .1974- —
10 dms., same basis.....lb. .2049- —
1 dm., same basis.....lb. .2149- —
smaller lots, same basis....lb. .2649- —
No. 10, non-returnable fiber dms., c.l., f.o.b. cars, destination, zone 1..lb. .14½- —
Staybelite ester, No. 10, 10 dms., same basis..lb. .14¾- —
1 dm., same basis.....lb. .15 - —
smaller lots, same basis....lb. .20 - —
Super-Beckacite, RM-254, 1001, 1020, c.l..lb. .33 - —
l.c.l., same basis.....lb. .33½- .34
1003, F.E., c.l.....lb. .31 - —
l.c.l., same basis.....lb. .31½- .32
2000, M-K, c.l.....lb. .27 - —
l.c.l., same basis.....lb. .27½- .28
2007, E-D, c.l.....lb. .23 - —
l.c.l., same basis.....lb. .23½- .24
2011, c.l.....lb. .31½- —
l.c.l. .....lb. .32 - .32½

V

Vanadiset resin, divd. Balto-Washington area, 26-140 tons, shpt..ton.32.40 -35.40
1-25 tons, shpt.....ton.51.40 -63.00
under 1 ton, shpt.....ton.83.00 - —
Canada, Windsor to Montreal, 26-140 tons, shpt..ton.35.60 -38.60
1-25 tons, shpt.....ton.54.00 -56.00
under 1 ton, shpt.....ton.86.00 - —
Greater N. Y., North. N. J., Conn., 26-140 tons, shpt..ton.31.00 -34.00
1-25 tons, shpt.....ton.48.00 -60.00
under 1 ton, shpt.....ton.80.00 - —
Ill., Ky., Tenn., Carolinas, Georgia, Missouri, 26-140, tons, shpt..ton.30.00 -33.00
1-25 tons, shpt.....ton.55.00 -67.80
under 1 ton, shpt.....ton.87.80 - —
Iowa, Wis., Minn., Florida, Alabama, Mississippi, 26-140 tons, shpt..ton.36.00 -39.00
1-25 tons, shpt.....ton.56.00 -68.80
under 1 ton, shpt.....ton.88.80 - —
Louisiana, Arkansas, Oklahoma, Texas, Colorado, Nebraska, Kansas, Dakotas, 26-140 tons, shpt..ton.41.00 -45.00
1-25 tons, shpt.....ton.60.00 -80.00
under 1 ton, shpt.....ton.90.00 - —
New England (except Conn.), 26-140 tons, shpt..ton.32.40 -35.40
1-25 tons, shpt.....ton.53.00 -63.80
under 1 ton, shpt.....ton.83.00 - —
N. Y. State, Penna. (W. of Harrisburg), Western Maryland, 26-140 tons, shpt...ton.32.00 -35.00
1-25 tons, shpt.....ton.53.00 -65.80
under 1 ton, shpt.....ton.85.80 - —
Ohio, Mich., Ind., W. Va., 26-140 tons, shpt..ton.33.60 -36.60
1-25 tons, shpt.....ton.54.00 -64.00
under 1 ton, shpt.....ton.84.00 - —
Pac. Coast, Ariz., New Mex., Utah, Nev., Idaho, Mont., Wyoming and Canada (except Windsor to Montreal), 26-140 tons, shpt..ton.51.00 -54.00
1-25 tons, shpt.....ton.70.60 -82.00
under 1 ton, shpt.....ton.94.00 - —
Southern New Jersey, East. Pa., Del., 26-140 tons, shpt...ton.31.00 -34.00
1-25 tons, shpt.....ton.50.00 -62.00
under 1 ton, shpt.....ton.82.00 - —
Vanadiset prices are subject to a 3 percent tax on transportation.
Vinylseal adhesive solutions, vinylite resin AYAB, 68-72% by weight, solution in acetone, A-70, drum lots, f.o.b. South Charleston, W. Va...gal. 2.75 - —
less than drum lots, same basis..gal. 3.00 - —
AYAF, 35% by weight, solution in acetone, A-35, drum lots, same basis..gal. 2.10 - —
less than drum lots, same basis..gal. 2.50 - —
modified, vinyl acetate resin, 24.5% by weight, solution in toluene, T 24-9, 20-drum lots, same basis..gal. 2.00 - —
drum lots, same basis....gal. 2.25 - —
less than drum lots, same basis..gal. 2.50 - —
28% by weight, solution in 82% methyl acetate, MA 28-14, 20-drum lots, same basis. gal. 2.15 - —
drum lots, same basis...gal. 2.40 - —
less drum lots.....gal. 2.65 - —
All "Vinylseal" containers except 1-gal. size are returnable. Extra charge of 40c for 1-gal. containers; 55-gal. drums are valued at $5 each.
Vinylite resins, vinyl chloride-acetate, VYLF, VYHH, VYNW, VYNU, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars, South Charleston, W. Va...lb. .38 - —
10,000 to 29,999 lbs., same basis..lb. .39 - —
200 to 9,999 lbs., same basis, lb. .40 - —
1 to 199 lbs., same basis.lb. .56 - —
VYNS, c.l. (30,000 lbs.), paper bags,same basis..lb. .50 - —
10,000 to 29,999 lbs., same basis..lb. .51 - —
200 to 9,999 lbs., same basis, lb. .52 - —
1 to 199 lbs.. same basis..lb. .68 - —
modified vinyl chloride-acetate, VMCH, powdered, c.l. (30,000 lbs.), paper bags, same basis..lb. .47 - —
10,000 to 29,999 lbs., same lb. .48 - —
200 to 9,999 lbs., same basis, basis..lb. .49 - —
1 to 199 lbs., same basis..lb. .65 - —
vinyl acetate resins, AYAB, lumps (in fiber drums at option of seller); AYAA, AYAF, AYAT, granular (in paper bags only), f.o.b. cars South Charleston, W. Va., freight paid to destination E. of Mississippi river, c.l. (30,000 lbs.).....lb. .40 - —
2,000 to 29,999 lbs., same basis..lb. .43 - —
200 to 1,999 lbs, same basis, lb. .45 - —
1 to 199 lbs., same basis.lb. .60 - —
chloride resins, QYNA, powdered, c.l. (30,000 lbs.), paper bags, f.o.b. cars South Charleston, W. Va.lb. .38 - —
10,000 to 29,999 lbs., same basis..lb. .39 - —
200 to 9,999 lbs., same basis, lb. .40 - —
1 to 199 lbs., same basis..lb. .58 - —
vinyl butyral resins, XYHL, XYHM, XYNC, granular, 93 to 97% solids, prices based on contained solids (in paper bags at option of seller), 30,000 lbs., f.o.b. cars South Charleston, W. Va., c.l..lb. .83 - —
10,000 to 29,999 lbs., same basis..lb. .93 - —
200 to 9,999 lbs., same basis, lb. .94 - —
1 to 199 lbs., same basis.lb. 1.00 - —

Z

Zinlac, orange or white, 50-gal. bbls..gal. 1.45 - -
kits (5 gals.).....gal. 1.85 - -
jugs (1 gal.).....gal. 1.85 - -

For Your Resin Requirements Consider This Unique Combination of Properties!

WITH

VELSICOL AF-3

1. Speeds time of cook up to 300%.
2. Combines readily with maleic anhydride to produce highly reactive naphtha-soluble alkyd bases.
3. Kettle-bodies to produce oil-soluble polymer of exceptionally high melting point.
4. AF-3 films bake readily at moderate temperatures to produce tough, flexible, adherent coatings possessing high resistance to solvents, salt spray, and chemical agents.

Other resins may have one or another of these important characteristics, but only VELSICOL AF-3 unites them all; and it is not under allocation.

Consult our technical department for your particular resin problems. Sample submitted upon request.

VELSICOL Corporation

GENERAL OFFICES: 120 EAST PEARSON STREET, CHICAGO

PLANT: MARSHALL, ILLINOIS

FOR CIVILIAN USE • HIGHLY AROMATIC SOLVENT • FREE FROM RESTRICTIONS OF W. P. B. ORDER M-150

Specifications and Properties of

VELSICOL SOLVENT No. 34

Gravity A. P. I. at 60° F.	30-33
Sp. Gr. at 15.5° C.	.8602-.8762
Weight per Gal.	7.296-7.163
Color	+ 15 Min.
Odor	Characteristic
Flash Point T. C. C.	Min. 90° F.
Corrosion (Copper Dish Method)	Negative
Spot Dry Time (1 Drop on Filter Paper)	22.5 Mins.
Kauri Butanol Value	70-75 (Benzol=100)
Mixed Aniline Point	73-77° F.
Nitrocellulose Dilution Ratio	2.40 (Toluol=2.85)
A. S. T. M. Distillation:	
I. B. P.	300-315° F.
5%	305-320
10%	310-325
20%	315-330
30%	325-340
40%	330-345
50%	340-355
60%	350-365
70%	360-375
80%	370-385
90%	375-390
F. B. P.	385-400° F.

Write for sample and further data.

"And Freedom's banner streaming o'er us"

Oil, Paint & Drug Reporter

Founded October 18, 1871, by
William O. Allison
Directed, 1900-1942, by Harry J. Schnell

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Vol. 146 November 6, 1944 Number 19

Neglecting Latin America

What the United States and its people do not know, politically, economically, and socially, about Latin America is going to hurt them substantially. Some of the consequences are already discernible. Among others to be expected in the postwar era is that this country probably will have a smaller share in the import trade of Latin America than it had before the war. The trouble arises from failure to know that the characteristic "take-it-or-leave-it" policy just does not go in dealings with Latin Americans. They have been reared in an atmosphere of much more courtesy in business, as well as in all other relations, than anybody expects and most persons would suspect in this country.

The British are carefully explaining why they cannot more adequately supply the goods which Latin America has been accustomed to buy in Britain. After the war, the British share of the Latin American markets will again reflect that better understanding, lack of which leads United States businessmen to disregard whatever Latin Americans may think and say about their inability to buy those things in this country.

The political mess of the relations of the United States and Argentina shows little sign of an approaching clearup. In spite of the fact that, publicly at least, all the other South American governments and apparently those of Middle America have ostracized Argentina's naziphile regime, the sentiment of their peoples is not favorable to the position of the United States. Popular sentiment makes and unmakes governments speedily in those lands; so, those in office know which side of their pancake is sugared.

Latin America will have a fairly large block of credit in the United States after the war. It will also have a goodly number of millions of U. S. dollars in bank. The predominating feeling among the people of Latin America is that they would like to spend that money in this country. But, they think that they have been and are being and will be gouged for excessive profits by United States exporters. Maybe they do not know how export prices were boosted by some of their sellers to the United States. Maybe they do not know that there is a ceiling on export prices here—but none in their countries. It is said that attempts to publish U. S. ceiling export prices in Latin American markets have fallen flat—that is, they were knocked down.

In spite of asseverations by members of the well-known shoddy school of United States merchandisers, Latin American markets are not cheap places. It is true that a substantial proportion of the people have very little spending money: they do very little spending, bartering being their means of trade. Where there are markets, there is money. One thing which all too many would-be successors to that money do not know, or at least do not consider, is that its possessors have a very strong disrelish for being treated other than as "white folks." The now circulating talk about filling the consulate berths in Latin America with advertising men will not pan out satisfactorily if that and other pertinent facts are not better appreciated.

—O-P-D—

War-Peace Change Eased

Issuance last week by the war and navy departments of a joint simplified regulation for the termination of contracts was good news. The processes of negotiation and predetermination planning set up in the regulation should help much to take the edge off fears of imminent cutbacks and cutoffs of warwork. The expansion of authority to settle matters on the spot also should help to smooth procedures. It remains only for contractors to do better than they have been doing with respect to having necessary data ready when the termination bell is rung.

News of the improved terminal procedure especially focuses attention on the findings of the National Association of Purchasing Agents committee on business surveys that terminations and cutbacks of war contracts have had little effect on the general business picture. The committee also subscribes to the belief that reconversion problems as a whole are greatly exaggerated. Its findings are that "better than 75 percent of buyers' suppliers will have no reconversion problem."

—O-P-D—

Disregard for Regulation

The American's disregard for laws, regulations, and orders has always been a puzzle to alien observers of the American scene. Such things as the prohibition fiasco stand out for all to see; the majority of the disregard, being commonplace, passes unnoticed except by those who are accustomed to a different attitude toward authority.

There are a hundred reasons for the lack of consideration which Americans exhibit with respect to official directives and prohibitives. Fundamental is the fact that the American individual does not feel that he owes a duty to the general welfare; he takes in his stride what the Englishman, for example, would immediately report to the nearest "bobby". Next in potency as an influence of the disregard is the multiplicity and confusion of the laws, regulations, and orders with which the ordinance books of nation, State, city and village are filled. Few know anything about more than a small percentage of these statutes—a condition which is as true of the duly constituted enforcement officers as it is of the general public—and even those few are so convinced by the asininity of some of the proscriptions that they regard all as undeserving of respect.

The thousands of restrictive orders connected with the war program emphasize the inadequacy of official, as well as lay, understanding and regard. Under OPA orders, for example, reports of violations are a hundred times as often matters of personal pique as they are of respect for law and order. So it is that a small tobacconist is fined $25 for overcharging 1 cent on a pack of cigarets, while every big store in town has doubled the price of half the things it sells. It must be admitted that proof of such excessive pricing is very difficult to present: there are so many face-saving exceptions and vote-binding favorings in all war restrictions that no superior intellect is required for their evasion.

One of the biggest reasons why laws, regulations, and orders don't mean anything to most persons is that their enforcement follows such a peculiarity of policies that it is logical to believe that they have no teeth or that, as is equally often the case, their "store" teeth are removed and laid aside on a hundred pretexts: there is much more bark than bite in their enforcement.

Here is the big scary, noise recently being made by WPB about what was going to happen to folks down Miami way if they didn't quit disregarding the order prohibiting more than $200 worth of new construction without special authorization. This scare is likely to be somewhat thinned down by the fact that work up to "several hundred thousands of dollars" on one hotel has been officially indulged as "maintenance and repairs." Of course the hurricane did some damage some places—but not that long ago. And why not recognize that punitive action is the best preventive warning?

Fewer orders and less talk—both in words of plain meaning and sentences of clear construction—and more action to the point—that's what this country needs today; and by all that's unholy will need colossally when the winds of war go down and the auxiliary power must be turned on to push the ship of state along.

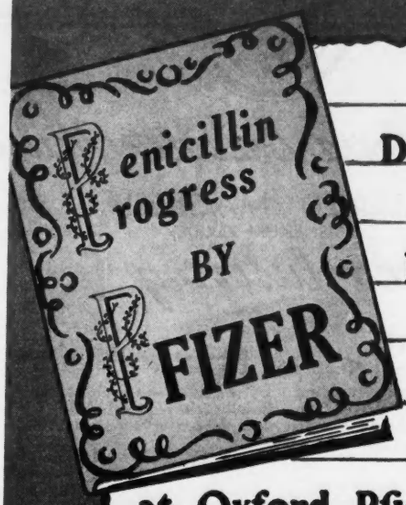
—O-P-D—

A Loss for the Drug Trade

The drug industry in all its branches has suffered an unfortunate loss in the death of Dr. E. F. Kelly. Although better known among the professional divisions of the industry, Doctor Kelly's services for many years were universally helpful. He was one of the soundest thinkers in the drug world, and one of its hardest workers, as well.

Doctor Kelly was quiet and unassuming, characteristics which sometimes misled those who did not know his steadfastness to ideals and the broad practical knowledge with which he could support them. His philosophy was one of progressiveness, with full respect for whatever had been proved good in any era. He had an understanding of values that lacked nothing of realism, albeit high in its ideals and beliefs.

The death of Doctor Kelly leaves a void in the program of pharmacal advancement. In the many positions of trust and labor which he so well filled, he will be replaced—he would have been the last to think of indispensability—but his individuality will find no successor soon.



Discovered in 1928 by Professor Alexander Fleming, and first isolated in 1940 by Professor H. W. Florey and his co-workers at Oxford. Pfizer research began in 1941 with first laboratory experiment producing Penicillin by fermentation the same year and recovering it from the fermentation liquors. That winter Pfizer first supplied Penicillin for clinical experiment. In 1942 made first delivery to U. S. Government. In 1943 Pfizer Pilot Plant was in full operation and ground broken for a large, modern plant which was completed early in 1944. Pfizer has been the World's Largest Producer of Penicillin since it's early history in this country.

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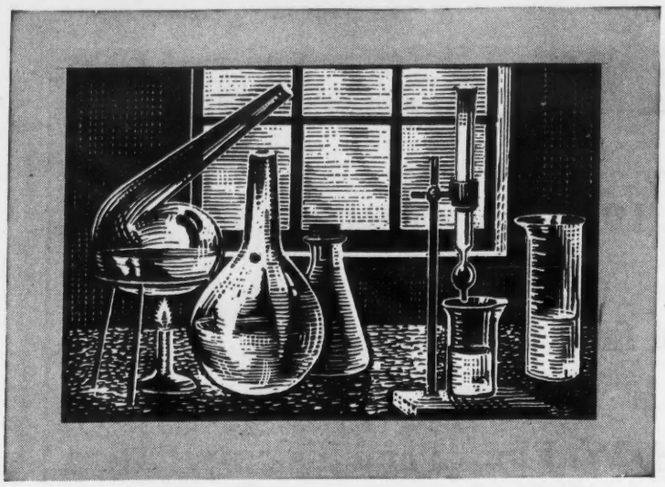

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Heavy Chemicals

Maintenance of active industrial and military demand prevented any improvement in the supply situation for the major heavy chemicals. Sustained peak production has not been enough to loosen several of the big tonnage commodities and it looked as though buying conditions would remain tight until there is some cutback in government consumption. The recent closing down of many aluminum plants had the soda ash supply situation tagged for improvement but it is now apparent that the slack was all taken for military use. Carbon tetrachloride, chlorine, phosphorus, soda caustic, and sulphuric acid among others bore a reflection of government purchases. The most favorable aspect to the overall situation is the fact that the government is getting theirs and that is the most important.

In the smaller items, there has been some supply improvement. Calcium chloride presented a well balanced market. Soda bicarbonate was in satisfactory supply with sufficient transportation facilities clouding the delivery picture to some extent. Defluorinated phosphate was in ample supply. There seemed to be plenty of antomony ore in sight with manpower shortages hindering the manufacture of oxide, so that demand could not be satisfied promptly. Late in the week came whispers that oxalic acid had shown slight supply improvement. An official report indicated that copper order M-9-c would likely be revoked at conclusion of hostilities in Europe. The reduction of the price of ammonia anhydrous in drums suggested a satisfactory supply situation.

Paper production as a percentage of six-day capacity was 92.7 in the week ended Oct. 28, according to the American Paper & Pulp Association. This compares with 91.6 in the previous week and 88.5 percent a year ago.

Production and supply figures used in some of the following market reports were released by the chemicals Bureau of WPB.

Ammonia Anhydrous—Lower prices were made effective on November 1 by a prominent producer. A reduction of 1½c. per pound was named for cylinders, establishing the quotation at 14½c. a pound.

Arsenic—Judging from trade opinions, allocations for the last quarter are going to be covered by producers without much difficulty. In well-informed quarters it was reported that crude output has been maintained above the 2,500-ton-a-month level regardless of labor shortages.

Calcium Chloride—Demand for ice control and coal treatment has measured up to seasonal dimensions Inquiry for construction work has not been as great as in other recent years on account of a recession in building operations. The government has continued to be a moderate buyer. The supply has been able to take care of demand and no unusual delays have been encountered in shipping conditions to date.

Carbon Tetrachloride—WPB reported that only a small amount of this material can be expected to be available to dry-cleaning establishments for November. It was also stated that dry cleaners cannot expect any trichloroethylene or perchloroethylene this month. Increased military demands for these solvents, especially for metal degreasing purposes, as well as difficulties experienced in production of the last two materials are responsible for the shortage of these solvents. Since the carbon tetrachloride made available for November will represent only a small percentage of normal dry-cleaning consumption, it will be distributed in communities where the shortage of chlorinated solvents has caused undue hardship.

Copper—Although copper is not so critical as previously noted, WPB representatives reported that conservation of the available supply of refined material must be continued to assure that military requirements can be met. They said, however, that very limited quantities of copper released as a result of military cutbacks are being made available for more essential civilian production. They added that copper order M-9-c is expected to be revoked on Victory-in-Europe day.

Market Trends

Prices Advanced

None

Prices Reduced

Ammonia anhydrous in cylinders, 1½c. per pound.

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	**169.0**	**169.0**	**170.6**

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	**116.0**	**116.0**	**116.0**

Defluorinated Phosphate — Supply situation was reported comfortable with current demand somewhat below seasonal expectations. The event of colder weather would likely stimulate buying interest from the feed trade as cattle and other live stock are still grazing in the fields in several areas.

Methyl Chloride — August production was placed at 2,138,819 pounds, compared with 2,053,749 pounds in July. Stocks were given at 383,574 pounds against 613,422 pounds in July.

Phosphorus — Elemental grade held a firm position with available material tight. Government demand has kept stocks for civilian use at a low level, the distribution being regulated by WPB.

Potash Caustic—Consuming demand continued to exceed productive capacity which has been unable to expand owing to the heavy government calls for carbonate. Both markets have maintained a definitely tight position.

Soda Ash—Buying conditions showed no sign of improvement. Bulk ash continued to hold the most favorable shipping position. The slack created by the recent cutback in aluminum production is reported to have been easily absorbed for military purposes. The most favorable feature was that essential requirements are being satisfied. Export inquiry was reported fair with some shipments having reached Brazil.

Soda Bicarbonate—Market reported in favorable supply position so far as material was concerned. Transportation facilities have not been entirely sufficient to move goods promptly from works. This material is not a war product and does not get the preference regarding freight cars.

Soda Caustic—Shipments of heavy dimensions have continued to tax output and prevent any improvement in the buying situation. The broad demand covering military and civilian requirements has given no indication of relaxing. Like soda ash, essential needs are being covered but, in general, demand has over-run production and delays are apparent in deliveries for civilian needs. Export inquiry has continued fair, with oil refineries and soap factories in Mexico receiving some tonnage.

Acids

Acetic—Production of synthetic in August was placed at 23,355,074 pounds against 21,870,652 pounds in July. Stocks at the end of August were 6,280,788 pounds, compared with 6,430,917 pounds in July. Production of natural and from acetate of lime was 3,176,373 pounds, against 3,101,849 pounds in July. Stocks at the close of August were 1,313,666 pounds, compared with 1,189,695 pounds at the end of July.

Chromic—WPB has placed this material under the control of M-300, the general chemicals order, and has revoked previous orders which formerly governed this chemical.

Formic—Reported firm under an improving demand representing requirements in the textile and leather industries. Supply situation comfortable although manpower shortage had a tendency to delay shipments.

Lactic—August output was given as 457,441 pounds of edible, against 264,254 pounds in July. Stocks were 75,612 pounds, compared with 298,108 pounds

For Current prices see alphabetical listing beginning on page 9.

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in July. There were 351,524 pounds of technical produced in August against 315,535 pounds in July. Stocks amounted to 259,632 pounds, compared with 286,435 pounds in July.

Oxalic—While material remained short for nearby shipment, the overall position of the market did not appear quite as tight as noted a month ago. August production was given at 1,337,471 pounds, compared with 1,354,572 pounds in July. Supplies were placed at 482,974 pounds, against 414,764 pounds in July.

Sulphuric—Withdrawals for military use combined with heavy shipments for superphosphate and other industrial requirements have been sufficient to keep available stocks low. While increased production has started and additional increases are expected as the season advances, demand has prevented any easement in the overall supply situation to date.

Insecticides

Factory activity reported well underway in operations toward building up inventories for next year's requirements. Production started early in an effort to offset the manpower shortage and to evade possible transportation delays. Calcium arsenate output has been adjusted to meet the carryover consumer stocks so that the overall supply will be equal to about that of the past season. At best, there does not seem to be any easement in sight for copper carbonate, copper oxide or paradichlorobenzene. Possibly some small amounts of pyrethrum may be made available later on but this material as well as rotenone remains definitely tight at present. There seemed to be assurance of an adequate supply of cresols, cryolite and borax with cyanides rather doubtful. There should be enough copper sulphate to meet agricultural wants unless lend-lease shipments cut too deep into the stockpile.

Pending completion of agricultural research projects now underway, federal entomologists do not recommend DDT for commercial agricultural use, the WPB's producers and the arsenical producers industry advisory committees were told at a recent joint meeting.

'Sanit' FTC Ad Charges Answered

OPD Washington Bureau

Sanitized, Inc., New York, manufacturing and distributing a chemical liquid compound designated 'Sanit,' intended to sterilize cloth fabrics, laundered materials and leather and other goods, together with seven associated corporations and an advertising agency, have filed answers to a complaint issued by the Federal Trade Commission, which charged them with misrepresentation. The complaint alleged that the respondents have represented that the preparation 'Sanit' and the process advertised as 'Sanitize' rendered linens and other material to which it was applied actively antiseptic, as being beneficial to the human skin, bateriostatic when applied to various materials and vermin repellent and that it also rendered certain materials less inflammable and decay-proof. The complaint declared these representations to be false and misleading.

Westvaco Names Rooney And Philbrook to Posts

Warren R. Philbrook has been appointed industrial relations director of the Westvaco Chlorine Products Corporation, New York. Fred S. Rooney has been appointed acting manager of Westvaco's Carteret, N. J. plant.

Mr. Philbrook joined Westvaco in 1933, soon after graduation from Stanford University. After serving in the production department of Westvaco's Modesto, Calif., and South Charleston, W. Va., plants, he became manager of the Carteret, N. J., plant three years ago. His new duties will include supervision of industrial relations at all Westvaco plants.

Mr. Rooney has also been associated with Westvaco for more than a decade, joining a West Coast subsidiary soon after graduation from San Jose State College. For the past year he has been located at Westvaco's New York office as an assistant to the vice-president in charge of operations.

Chemical Workers Earnings Decline

Weekly earnings of factory workers in chemical and related fields showed a decrease of 3 percent with an average of $43.84. This compared with an average of $37.16 for all nondurable goods manufacturing.

August-July comparisons in chemicals and related lines were reported as follows:—

Average Earnings

	Weekly		
	Aug.	July	June
Chemical and allied products	$43.84	$44.01	$43.86
Ammunition	45.31	45.55	45.64
Chemicals	51.88	52.15	51.65
Cottonseed oil	25.88	26.18	25.97
Crude petroleum production	53.35	54.85	52.99
Drugs, medicines, insecticides	34.54	34.43	34.44
Explosives, safety fuses	47.25	48.13	47.72
Fertilizers	31.72	32.11	30.49
Paints and varnishes	46.44	45.66	46.57
Petroleum refining	58.05	59.08	57.98
Rayon, allied products	38.85	38.78	39.12
Soaps	47.47	46.65	48.33

Federal Chemical Declares First Dividend Since 1931

Federal Chemical Company, Louisville, Ky., has authorized a dividend of $1 a share on common stock. The distribution on November 10 to stockholders of record November 6, 1944, will be the first since February 2, 1931.

Haeussler Heads Insect Survey

Gilbert J. Haeussler, senior entomologist in the Bureau of Entomology and Plant Quarantine, United States Department of Agriculture, has been named chief of the Division of Insect Pest Survey and Information.

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BONE FLOUR
BONE GREASE
BONE OIL
BONE GLUE
HIDE GLUE
DIGESTA BONE MEAL
EDIBLE GELATIN
EXTRACTED BONE GLUE
MEAT SCRAP
TANKAGE
SULPHATE OF AMMONIA
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Eastern Sales Office: 15 Exchange Place, Jersey City, New Jersey

PITTSBURGH COKE & CHEMICAL COMPANY
FORMERLY
PITTSBURGH COKE & IRON COMPANY
Manufacturers of Industrial Chemicals
Office: Grant Building
Plant: Neville Island
PITTSBURGH, PENNA.

This change in name is made appropriate by the large growth in the production and sales of industrial chemicals.

The new name more correctly indicates the main sources of profit return and the planned future development of the Company.

Current Market Quotations

—*Continued from page 33*

Zinc fluoride, bbls.	lb.	.25 - .30
Hydrosulphite, dms., works.	lb.	.16 - —
Iodide, NF, bots.	lb.	4.65 - 4.75
jars	lb.	4.40 - —
Laurate, bbls.	lb.	.32 - .33
Metal,[1,2,3] (quotations in Protective Coatings market report).		
Naphthenate, 8%-10% Zn, 50-gal. dms.	lb.	.16 - .19½
Oxide, pigment, dom., acicular,[3] bgs., c.l., divd.	lb.	.07½- —
l.c.l., divd.	lb.	.07½- —
American process, com'l, lead free,[3] bgs., c.l., divd.	lb.	.07¼- —
l.c.l., divd.	lb.	.07½- —
leaded, 5%, bgs., c.l., divd.	lb.	.07¼- —
l.c.l., divd.	lb.	.07½- —
35% or more, bgs., c.l., divd.	lb.	.07 - —
l.c.l., divd.	lb.	.07¼- —
French process, com'l, lead free,[3] bgs., c.l., divd.	lb.	.07¼- —
l.c.l., divd.	lb.	.07½- —
green seal, bgs., c.l., divd.,	lb.	.09 - —
l.c.l., divd.	lb.	.09½- —
red seal, bgs., c.l., divd.	lb.	.09½- —
l.c.l., divd.	lb.	.09¾- —
white seal, bgs., c.l., divd.	lb.	.09½- —
l.c.l., divd.	lb.	.09¾- —
USP,[3] 50-lb. ctns., c.	lb.	.10½- —
l.c.l.	lb.	.10¾- —
Zinx oxide Pac. coast prices ½c. higher. Bbl. prices ½c. higher than bgs.		
Resinate, 8.7% Zn, 100-lb. dms.	lb.	.14½- —
fused, pale, bbls.	lb.	.11 - .13
precipitated, dms., divd.	lb.	.15 - —
Silicofluoride, bbls.	lb.	.15 - .16
Stearate, tech., ctns., c.l., frt. equald.	lb.	.29 - —
ton lots, frt. equald.	lb.	.30 - —
smaller lots, frt. equald.	lb.	.31 - —
USP (same prices as tech.).		
Sulphate, cryst., bgs., c.l., works, frt. alld.	100 lbs.	3.40 - —
l.c.l.	100 lbs.	4.15 - —
flake, bgs., c.l.	100 lbs.	3.80 - —
l.c.l.	100 lbs.	4.55 - —
powd., bgs., c.l.	100 lbs.	5.35 - —
l.c.l.	100 lbs.	6.10 - —
Zinc sulphate in bbls., 25c. higher.		
Sulphide,[1,3] pure, bgs., c.l., divd.	lb.	.08¼- —
l.c.l., divd.	lb.	.08½- —
bbls., c.l., divd.	lb.	.08½- —
l.c.l., divd.	lb.	.09¾- —
barium pigment, bgs., c.l., divd.	lb.	.0360- —
l.c.l., divd.	lb.	.0585- —
calcium pigment, bgs., c.l., divd.	lb.	.0360- —
l.c.l., divd.	lb.	.0585- —
fluorescent, pigment, works, frt. alld.	lb.	.90 - 1.00
magnesium pigment, bgs., c.l., divd.	lb.	.06¾- —
l.c.l., divd.	lb.	.06 - —
Zinc sulphide Pac. coast prices ¼c. higher. Bbl. prices ¼c. higher than bgs.		
Sulphocarbolate, NF, bbls., dms.,	lb.	.28 - .31
Tallate, 5% Zn, 50-gal. dms.	lb.	.09¾- —
Yellow (see Yellow, zinc).		
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.65 - —
l.c.l., works.	100 lbs.	6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld.	lb.	2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., divd.	lb.	.06 - —
l.c.l., divd. E. of Rockies.	lb.	.06¼- —
divd. Pac. cst.	lb.	.06¼- —
ex whse., Pac. cst.	lb.	.07 - —
Zirconium hydride, cns., works.	lb.	7.00 - 9.00
Nitrate, kgs., works.	lb.	3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works.	ton	75.00 -100.00
white, 98%, grd., kgs., works.		
ex whse., Pac. cst.	lb.	.07 - —
	lb.	1.90 - 2.00

Trade Briefs

Howard A. Trumbull has been made manager of sales promotion of the glass container division of the Owens-Illinois Glass Company.

Stevens Laboratories is the firm name under which Sam Sokolow and Lawrence Hyman have published a certificate that they are conducting business at 3062 West Pico boulevard, Los Angeles, Calif.

Brite-Well Minerals Corporation has been organized in Los Angeles, with 100 shares of no par value capital stock. Directors are: Irl D. Brightwell, C. J. Weipert and William D. Kline, all of Los Angeles.

Capt. T. C. Sheffield, formerly the Western manager of the New England Collapsible Tube Company, is now working as executive assistant to General H. H. Arnold, Commanding General Army Air Forces.

Carbon Black Probe

—*Continued from page 3*

artificially or intentionally enhance or depress prices in this country, or substantially lessen competition or otherwise restrain trade in the United States.

The notice of investigation states that if the commission, upon investigation, shall conclude that the Export trade act has been violated, it will make recommendations to Carbon Black Export, Inc., for the readjustment of its business in order that the association may thereafter maintain its organization and management and conduct its business in accordance with law.

Stockholder-members of the association engaged in the production and export of carbon black are the Columbian Carbon Company, the J. M. Huber Corporation, the Panhandle Carbon Company, all of New York; the United Carbon Company, Charleston, W. Va., Godfrey L. Cabot, Inc., Boston; and Chas. Eneu Johnson & Co., Philadelphia.

Metal Degreasing Standards Booklet Is Available

A booklet of standard practices for degreasing metals or other non-porous materials with chlorinated solvents has been released by E. I. du Pont de Nemours & Co., Wilmington, Del. The booklet has been prepared by the solvents division of the electrochemicals department of the du Pont company in consultation with G. S. Blakeslee & Co., Chicago, and Detrex Corporation, manufacturer of degreasing equipment, Detroit.

Steel Barrel Output Up

Production of heavy steel barrels and drums in August, 1944, was 1,611,052 compared with 1,438,666 for July, 1944, and 2,582,149 for August, 1943, according to the Bureau of Census. Shipments were 1,618,886 for August, 1944, as against 1,427,367 for July, 1944, and 2,582,885 for August, 1943. Stocks at the end of the month totaled 42,762. Output of light type steel barrels and drums in August, 1944, reached 536,166 compared with 466,462 for July, 1944, and 369,488 for last year. Shipments were 530,291 for August, 1944, compared with 474,099 for July, 1944, and 358,914 for August, 1943, while unfilled orders at the end of the month were 1,154,979.

Philipp Bros. Name Baylis, Becher to Posts

Philipp Brothers, Inc., New York, has appointed Thomas H. Baylis manager of its Providence office, located at 511 Westminster street, and Norbert A. Becher has been named technical service engineer operating from the Philadelphia branch office at 34 North Front street, of which William Nolan is manager. Mr. Baylis has been identified with the chemical industry for more than ten years. Mr. Becher, a chemist and mettallurgical specialist, is a graduate of Temple University.

N. A. Becher

T. H. Baylis

BARIUM CARBONATE
CHLORIDE
SULFIDE
CHROMATE
• SODIUM SULFIDE • SODIUM SULFHYDRATE •
• AMMONIUM SULFIDE
MANUFACTURED BY
CHEMICAL PRODUCTS CORPORATION
CARTERSVILLE, GEORGIA

Fertilizer Materials

Activity was not accentuated to any unusual degree in the local fertilizer market last week. More mixing plants have started to operate and a seasonal expansion in output is anticipated over the remainder of the year. Quiet trading was also reported on the West coast, where increased offerings of fish meal were recorded. Supplies of nitrogenous materials have increased in the Midwest while in the South, particularly in Georgia, fertilizer manufacturers have made every effort to increase inventories in order to take care of next season's requirements. Superphosphate and nitrogen solutions did not relax from their former tight positions. The edge seemed to be off the demand for bone meal and its substitute, defluorinated phosphate. The feeding demand for these products was affected by the fact that livestock in several areas is still grazing in the fields. Spotty trading was reported in dried blood and tankage while castor pomace remained definitely scarce. Importations of over 39,000 bags of cottonseed meal were reported.

Total mine production of phosphate rock in the first half of 1944 was over a quarter million tons greater than for a similar period in 1943, according to the Bureau of Mines. The total was 2,682,601 long tons. Sales or material used in the first half of 1944 was over 300,000 tons greater than the same period in 1943 and the value $10,183,358 was more than a million and a half greater. Total stocks on June 30, this year were 1,291,000 long tons compared with 1,947,000 long tons for the same date 1943. Florida, as usual, was the largest shipper, its marketed production being over three times that of Tennessee, the nearest competitor. The quantity of Tennessee rock sold or used in the first six months of 1944 was considerably less than the same period in 1943 but a slight increase was shown in the total value.

Nitrogenates

Ammonia Sulphate—September production was off 4.5 percent compared with the previous month, according to figures compiled by the Bureau of Mines. The totals stood at 130,968,777 pounds compared with 137,152,645 pounds in August. Stocks at the end of September were 154,681,765 pounds against 158,923,429 pounds in August.

Bone Meal—Supply position showed slight improvement, inasmuch as some domestic was available at ceiling prices without attracting any unusual buying interest.

Castor Pomace—Scarcity of this material was not relieved. Any material moving was reported to be against standing contracts. New business remained checked by the absence of offerings.

Dried Blood—Buying interest reported not so active from feeders and the supply situation for domestic presented a slightly easier appearance. Material was available at the close at ceiling figures.

Soda Nitrate—Found a steady outlet through contract channels. Combined movement under WPB regulation sufficient to keep supply situation relatively tight. Demand for compounds reported considerably above production levels.

Tankage—Reported firm at ceiling prices although not unusually active. Some domestic material was offered while demand did not attain the dimensions expected at this season of the year.

Phosphates

Phosphate Rock—Labor conditions have not improved at supply points in Florida and some difficulty has been experienced in maintaining full shipments from mines. The supply situation was reported highly satisfactory so far as actual material was concerned but the migration of labor to the citrus areas has accentuated the manpower shortage.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Superphosphate—Position of the market was reported tight, although pressure of demand seemed to have slackened to some extent. While production will likely fall below early expectations, it was generally conceded the output would probably be sufficient to meet agricultural requirements without difficulty, according to reports from some producing sections, attempts to secure additional labor have been abandoned, temporarily at least, as there appeared to be no more manpower available.

Potashes

Demand reported steady with production maintained above last year's level. Only difficulty seemed to be in securing sufficient freight cars to move material. Transportation situation has been aggravated by heavy movement of war supplies to the coast and to "must" shipments of grain. No further developments in shifting the allocation order were reported. Judging from opinions, the trade would rather continue under present regulations, unless government restrictions were entirely removed.

Sulphur and Pyrites

Sulphur shipments of unusually heavy dimensions have gone forward to satisfy the greatest demand on record. The supply situation has been fully adequate to meet this demand and transportation, with few exceptions, has been satisfactory. Occasional car shortages have been experienced, but these were of temporary existence. The shipping situation in Spanish pyrites has not improved to any appreciable degree. The market remained quiet and unchanged.

Markets at Other Centers

Atlanta, Nov. 3.—Fertilizer manufacturers of the South are making every effort to get hold of all the fertilizer materials they can use for next season and realize that nitrogen and phosphate materials are likely to fall short of requirements. An additional allotment of sulphate of ammonia to mixers by WPB is welcome but, it is claimed, that the amount received and the probable total that will be available will fall far short of what can be used by mixers.

Baltimore, Nov. 3.—Crude fertilizer materials continued in fair demand, with the call for some at least larger than the production, if the appeals for more workers to keep production plants going was an indication. Fish Scrap—With operations in the Northern areas of the menhaden industry over, the companies on the coast of North Carolina seem to have settled down to steady work, but with what result is not definitely known here, though the supposition is that weather conditions have interfered at times with activities, and that the additions to the stock of scrap are very moderate. Sales are being made as material is available. No change in the ceiling has occurred, this being $1.21 per unit of protein.

Chicago, Nov. 3.—Business was reported good in nitrogenous fertilizer materials. Supplies have been relatively large for some time, and the volume of inquiry indicates continued good amount of interest on the part of buyers. Blood was still holding its own. Tone of the tankage business was steady. Orders were reported good for bone materials, with offerings limited. Dried blood, principal grade, $5.53 per unit of ammonia; tankage, feeding grade, $5.53 per unit; liquid stick, $1.75 to $2, tankcar; hoof meal, $4.25 to $4.50.

Los Angeles, Nov. 3.—Trading in organics has been relatively quiet and market attention remains focused here on the nitrogenous materials. There is a fairly good supply of potash on hand. Increased offerings of fish meal and meat scraps provided an outstanding market feature. Current production of fish meal was quite heavy at Monterey and fair at San Francisco, while dealers appeared more inclined to offer meal both for nearby and future shipments. Offerings were absorbed at ceiling prices although demand was less urgent than for some time past.

For Current prices see alphabetical listing beginning on page 9.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A. — Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 6, N. Y.

FERTILIZER MATERIALS
Conditioners and Fillers A Specialty
THE DICKERSON COMPANY
BROKERS — IMPORTERS — EXPORTERS
DREXEL BUILDING - - PHILADELPHIA 6, PA.

SUNSHINE STATE POTASH U.S.A. REG. U.S. PAT. OFF.
A PRODUCT OF NEW MEXICO
MURIATE OF POTASH
62/63% K_2O ALSO 50% K_2O
•
MANURE SALTS
22% K_2O MINIMUM
UNITED STATES POTASH COMPANY
Incorporated
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

P.C.A. RED MURIATE
The SALT of the Earth

There can be no finer product than PCA's Red Muriate of Potash. Literally as well as figuratively it is "The Salt of the Earth".

PCA leads in total production of 60% Muriate. Its Red Indian trade-mark is becoming more and more important in the fertilizer industry... more and more important to the farmers who rely upon your mixtures to help them make their crops.

POTASH COMPANY of AMERICA
CARLSBAD, NEW MEXICO
GENERAL SALES OFFICE...50 Broadway, New York, N. Y.
• SOUTHERN SALES OFFICE...Mortgage Guarantee Building, Atlanta, Ga.

BARRETT

CHEMICALS

FOR INDUSTRY

PHENOLS • CRESOLS • CRESYLIC ACIDS

CHLORINATED TAR ACIDS • XYLENOLS

BARRETAN* • PICKLING INHIBITORS

BENZOL • TOLUOL • XYLOL

SOLVENT NAPHTHA • NAPHTHALENE

HI-FLASH SOLVENT

PHTHALIC ANHYDRIDE

DIBUTYL PHTHALATE

NIACIN (Nicotinic Acid)

PYRIDINES • PICOLINES • QUINOLINE

TAR ACID OILS

NEUTRAL COAL-TAR OILS

CREOSOTE OIL

CUMAR* (Paracoumarone-Indene Resin)

CARBONEX* • CARBONEX S*

RUBBER COMPOUNDING MATERIALS

BARDOL*

HYDROGENATED COAL-TAR CHEMICALS

FLOTATION AGENTS

ANHYDROUS AMMONIA

AMMONIA LIQUOR

SULPHATE OF AMMONIA

AMMONIUM NITRATE

ARCADIAN* THE *AMERICAN* NITRATE OF SODA

* Trade-mark Reg. U. S. Pat. Off.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert St., Montreal, Que.

Barrett

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

No relaxation from the former tight market position in basic coaltar products was revealed over the turn of the month. The military call for benzol, toluol and xylol placed a restriction on the civilian supply and the shortage was vividly reflected in the production picture of many commodities but particularly in the output of dyes and intermediates. Producers of the latter classification seemed to agree that the most essential requirements were being covered but here the limit was about reached. Such influences contributed strength to the overall price structure without featuring quotable changes.

Steel operations for the week beginning October 30 were scheduled at 94.9 percent of ingot capacity compared with 96.3 percent for the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 95.6 percent. The current schedule is equivalent to a production of 1,707,200 net tons of ingots and castings for the week, compared with 1,732,000 net tons for the corresponding week in 1943.

Market Trends

Prices Advanced

None

Comparative Price Indexes

None

Prices Reduced

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Basic Products

Benzol—Under constant withdrawals for military use, no appreciable improvement could be noted in market conditions. Current demand was more than enough to tax production and prevent the accumulation of inventories. The pressure for deliveries for the manufacture of anilin, phenol and for solvent blending continued undiminished.

Coaltar—Production during September amounted to 61,328,806 gallons, according to the Bureau of Mines. August production was 64,608,699 gallons and in September, 1943, the output was 61,863,000 gallons. Stocks at the end of September were 30,260,233 gallons, compared with 31,809,349 gallons at the close of August, and 29,816,071 gallons at end of September, 1943.

Creosote Oil—Bureau of Mines gave the September output of coke byproduct at 4,093,505 gallons, against 3,434,307 gallons in August and 3,767,000 gallons in September, 1943. Stocks at the end of September were placed at 973,050 gallons, compared with 1,009,876 gallons in August and 952,413 gallons, September, 1943. Chemicals Bureau placed the August production at 9,008,557 gallons of tar distilled, compared with 8,313,012 gallons in July. Stocks at the end of August amounted to 17,869,732 gallons, against 22,735,041 gallons in July. Production of byproduct material for August was 3,434,307 gallons, against 3,448,501 gallons in July. Stocks at the close of August were 1,009,876 gallons, compared with 1,308,375 gallons at the end of July.

Cresols—August production of meta-para was placed at 1,154,520 pounds by the Chemicals Bureau. July production was 435,372 pounds. Stocks at the end of August were 640,670 pounds, against 150,949 pounds in July. Production of ortho-meta-para was 1,154,520 pounds in August, compared with 808,773 pounds in July.

Cresylic Acid—Chemicals Bureau placed August production of crude at 2,489,407 pounds, against 2,274,014 pounds in July. Stocks at the end of August were 1,731,725 pounds, compared with 1,437,560 pounds in July. Refined output for August was 3,432,460 pounds, against 3,552,622 pounds in July. Stocks at the end of August amounted to 2,720,144 pounds, compared with 5,858,702 pounds in July.

Naphthalene.—September output was placed at 8,685,427 pounds from byproduct coke by the Bureau of Mines. August production was 8,340,395 pounds. Stocks at the end of September amounted to 2,972,277 pounds, compared with 2,663,410 pounds at the close of August. Chemicals Bureau gave August production of byproduct at 8,340,395 pounds, against 8,239,513 pounds in July. Stocks at the close of August were 2,663,410 pounds, against 2,466,724 pounds in July. Production of tar distilled in August was 18,540,507 pounds, against 15,741,231 pounds in July. August stocks were 6,967,332 pounds, compared with 7,166,598 pounds in July. Refined output in August was placed at 6,122,595 pounds, against 6,350,584 pounds in July. Stocks at the end of August were 1,971,951 pounds, compared with 1,454,378 pounds at the end of July.

Phenol—Chemical manufacturers as well as other regular consumers continued to draw heavily against production. The market retained a steady position without quotable price change.

Toluol—Position similar to benzol. Heavy shipments for government use kept the civilian supply down and prevented any easement in the overall situation.

Xylol.—Held a definitely tight market position under a mounting demand for military and civilian use. Production reported insufficient to meet all requirements in anything like full dimensions.

Chicago, Nov. 3.—Continued buying and inquiry for additional business are reported in coaltar bases. The tone of the market as a whole was steady. Buying was along lines indicating that the trade was anxious for additional quantities of material when available. Benzol was in good tone. Ruling prices exclusivee of tax are:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; 2-degree toluol, same basis, 28c.; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexanol — Essential requirements in the resin and other consuming industries were satisfied without leaving much available material over. Any increase in demand would likely create a tighter market problem.

Cyclohexanone—Position similar to other materials under this classification. Supplies were small enough to leave the situation in a condition to tighten easily under the development of increased demand.

Coaltar Acids

Benzoic Tech — Shipments against essential requirements kept inventories low. While no quotable change in prices was anticipated, the market was quoted firm at current ceilings.

Fumaric—Supply situation reflected the tight position of basic materials. After regular consumers received their deliveries there was not much left over.

H—Continuance of limited supplies had a restraining influence on market activity. Demand was apparent while available material was not.

Maleic—Demand for use in synthetic resins was reported active and the major part of output seemed to be routed through these channels. Production was taxed to meet these requirements, considered essential.

Other Intermediates

Anilin Oil—Production continued to be aggravated by the difficulty in securing benzol. Output moved entirely against essential requirements and it was understood that inventories received an additional dent in satisfying demand.

Benzoyl Chloride—Another material where output suffered from the stringency prevailing in basic material. The most encouraging feature revealed, was that urgent wants were satisfactorily covered.

Dinitrobenzene—Found its way to war industries and to some extent for dyestuff manufacture. No chance of expanding production until easement in benzol materializes.

Paranitrophenol—Held firm by producers under the strong position of basic products. The market was quoted 25c. to 27c. a pound, works, in drums, as to quantity, freight equalized to Eastern points.

Phthalic Anhydride—Shipments for use in the manufacture of synthetic resins accounted for a large part of the markets' movement. Rubber requirements as well as intermediates

For Current prices see alphabetical listing beginning on page 9.

Coke By-Products

Estimates of by-product coke-oven operations in the week ended Oct. 28, indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	38,460,000
Phenol	lbs.	3,772,582
Coaltar	gals.	14,725,240
Creosote oil	gals.	778,856
Naphthalene	lbs.	1,642,899
Phenol		219,053
Toluol	gals.	754,516
Xylol	gals.	170,375

were also covered as far as possible. Production for the month of August was placed at 10,600,197 pounds, compared with 10,643,510 pounds in July, by the Chemicals Bureau. Stocks in August were 3,243,728 pounds against 2,954,420 pounds in July.

Coaltar Colors

Under current restrictions and regulations it has been difficult to maintain inventories. Regular consumers have taken care of production to a large degree and available material has remained short enough to hold the overall market in a tight position. It seemed doubtful if any easement could be expected until there is a loosening in basic materials and a freer labor condition.

A.S.T.M. Honored By Ordnance Department

The American Society for Testing Materials has been presented with the Ordnance Distinguished Service Award "in recognition of outstanding and meritorious engineering advisory services, in war and peace, for the development, manufacture and maintenance of ordnance materiel."

Tenn. Eastman Has New Series of Acetate Dyes

Tennessee Eastman Corporation, Kingsport, Tenn., has announced a new series of acetate dyes with exceptional fastness to sunlight in its line of Eastman acetate dyestuffs. This series, designated as LF, will include reds, greens, blues, oranges, browns, yellows, violets, and pinks.

Washington Talks It Over

—Continued from page 5

the mission, which will include several Negro professional men on its staff of agriculturists and other technical experts.

Victory Gardens Useful

The War Food Administration is not planning to set a goal on the number of Victory Gardens that should be operated next year, but is urging all those who have worked such gardens in the past to continue in these efforts. Officials do not know how many gardens were operated this year or how much food was produced. They are inclined to believe that both the number and the amount of food grown was less than a year ago, because of the drought and the easing of rationing.

Even so, home gardeners freed thousands of tons of fresh and canned fruit and vegetables for the armed forces, sayed transport services and processing facilities, and furnished abundant foods of the highest quality to their families. Regardless of when the war ends there will always be need for an abundant supply of fresh fruits and vegetables, and WFA points out that those who grow their own will be sure of having them in their prime.

Pitts Coke Name Changed

Pittsburgh Coke & Iron Company, Pittsburgh, Pa., has changed its firm name to Pittsburgh Coke & Chemical Company. The new name is indicative of the company's growth in the production and sales of industrial chemicals.

Textile Chemists to Meet

A symposium on "Recent Developments in Synthetic Fibers and Their Uses in Fabrics" will be conducted at the meeting of the New York section of the American Association of Textile Chemists and Colorists to be held on November 17 at the Downtown Athletic Club, New York. Speakers include P. D. Atwood, of E. I. duPont de Nemours & Co., Wilmington, Del.; Rene Bouvet, of the American Viscose Corporation, Marcus Hook, Pa.; James Slayter, of the Owens Corning Fiberglas Corporation, Newark, Ohio.

Fertilizer Rail Rates

—Continued from page 3

of fertilizer, he pointed out, further are linked directly to the income of the farmers and to the volume of foods and fibers produced by the farmers and thus available for transportation by the railroads. He added:—

The fertilizer industry is interested not only in appropriate low freight rates on fertilizers and fertilizer materials, but it is interested in such freight rates for farm products. We are competitors with the carriers for the farmer's dollar. If transportation charges take an unduly large proportion of net farm income, obviously the farmer cannot patronize our industry to a satisfactory extent, thus reducing his production efficiency and the carrier's tonnage. The agricultural market is, practically speaking, our only market. Because of comparatively low value per ton, both of farm products and of fertilizer, freight charges constitute a very substantial portion of the final cost to the consumer.

The fundamental involved in this whole rate question, it seems to me, is that the consumer in the long run is going to use the method of transportation that is the cheapest or the most convenient, or that represents the optimum combination of both of these factors. If the carriers ignore this fundamental, they cannot look to the future with any degree of confidence. Competing methods of transportation, including private carriers, will make inroads on the rail carrier's revenues.

Hazardous Articles

—Continued from page 3

such requirements since the shipments are largely between the companies and their affiliates and do not enter commerce generally.

Another change proposed is that reports which companies or shippers are required to file on broken, leaking or defective containers would hereafter be made to the Bureau of Explosives and not to the Interstate Commerce Commission.

Section 821 of the old regulations providing that any individual container used for the transportation of liquid nitroglycerin, or any boot used therefor, found in a leaking condition be discarded and not repaired for further use, is broadened to include diethyleneglycol dinitrate.

It is proposed also to include diethyleneglycol dinitrate along with liquid nitroglycerin among the commodities that may be transported by private motor carriers when in containers complying with specification MC-200. Marking on motor vehicles must be as prescribed for dangerous explosives, Class A. No form of trailer may be used in the transportation of the two articles, however.

A new section permits the transportation of chlorine or anhydrous ammonia in intrastate commerce in one-ton tanks on trucks or semitrailers when securely chocked or clamped to prevent shifting, and provided adequate facilities are present for handling tanks where transfer in transit is necessary.

Contract Termination

—Continued from page 3

should apply if it is retained by the contractor or sold by him.

The Consolidated Termination Program setup in the JTR also provides for assignment of selected contractors to particular services of the Army or offices of the Navy rather than duplicating effort by having two or more procurement offices involved. The special feature of the consolidated termination program is the reliance by one service upon the accounting reports and property disposal decisions of another service.

Three additional publications covering different aspects of termination and settlement procedure are being issued simultaneously; a pamphlet on the "Standard Contract Settlement Proposal Forms" together with instructions and an outline of a hypothetical termination case; a brochure on "Termination Financing for War Contractors" to be issued by the Office of Contract Settlement explaining the procedure for obtaining partial payments or guaranteed loans, and the new "Navy Material Inspection Service Manual on Contract Termination."

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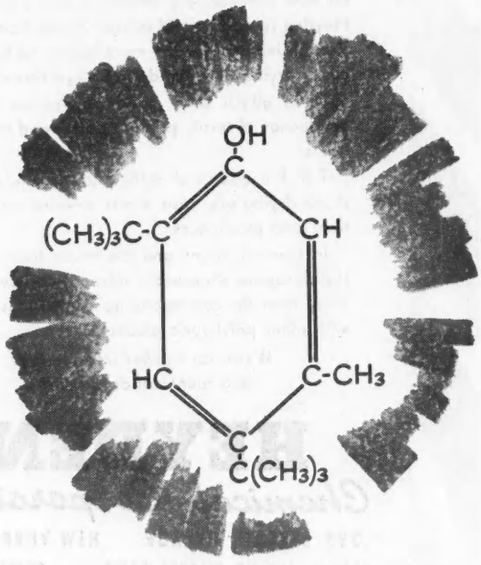

4, 6-Di-tertiary-BUTYL-m-CRESOL

Properties: (*Pure Compound*)

Molecular Weight	220
Melting Point	62.5°C.
Boiling Point:	
At 100 mm. (approximate)	171°C.
Atmospheric (approximate)	285°C.
Specific Gravity at 50/50°F	0.920

State: Light-colored semi-solid, crystalline, mild odor.

Solubility: Practically insoluble in water. Easily soluble in alcohol, benzene, gasoline and carbon tetrachloride. Insoluble in caustic alkali solutions.

Uses: In compounding certain types of synthetic rubber, as a softener and plasticizing agent, and to improve tack. In the manufacture of resins, particularly because of its oil-solubility. It has been suggested for use as an anti-skinning agent for paints and varnishes.

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Protective Coatings Materials

Latest opinions on the probable duration of the war, voiced by Britain's prime minister and some other authorities, suggesting that the end of the European conflict should not be expected until the Spring or early Summer of next year, have gone far toward furnishing some measure of assurance to the American paint, varnish, lacquer and materials industries that there should be no material cutbacks in war orders for protective coatings and their ingredients before the end of this year; hence that 1944 should clinch the record, long since indicated, of establishing itself as a new banner year in the annals of these industries.

The September report of the U. S. Census Bureau on the sales of paint, varnish, lacquers and fillers by 680 American manufacturing establishments for the first nine months of this year has shown such a tremendous lead in the total volume of these sales in the first three quarters of this year over those for the previous banner year 1943 as to make it certain that all records would be broken for the entire year, unless there were notable cancellations or cutbacks in war orders, estimated in most quarters as likely to amount to 40 percent, immediately after the termination of the war in Germany. But, with the advent of V-E Day now deemed improbable until well into 1945, save in the unlikely event of a successful internal revolution in that country at an earlier date, the American paint trade now feels that it is warranted in assuming that it will reach the close of this year with its dollar sales at new peaks, even if no substantial additions are made to its civilian business in the next two months.

But gratification over this greatly enhanced prospect for a banner year, due to a large extent to an unabated continuance of war orders, has not served to deter the American manufacturers of coatings and materials from seeking diligently for more business in non-military lines. And, despite restrictions on the use of many materials for civilian purposes, it has continued also to make considerable progress in that direction, and thereby get more thoroughly prepared for the inevitable reduction in the volume of war contracts, whenever it comes.

Metallic Lead and Zinc

Despite the continued heavy drain upon stocks of metallic lead by the government's requirements in the making of ammunition, cables, storage batteries, alloys, ethyl gasoline and other indispensable applications, which may reduce these stocks to about 125,000 tons before the end of this year, there is still plenty of the corroding grade available for lead pigment makers. Hence the latter are experiencing no difficulty in filling their needs. Pig lead prices have continued unaltered for the week October 27-November 3 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Although production of zinc slabs and stocks has been slightly increased within the past month, there has been no tendency on the part of WPB to lift the requirement for presentation of priorities by pigment makers in order to obtain these slabs, because of the steady mounting of consumptive needs. In August, the use of slab zinc is reported by the Bureau of Mines to have increased by 16 percent to 73,605 tons. Quotations for zinc slabs have remained unchanged for the week October 27-November 3 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Titanium Dioxide—The supply situation continues very tight, awaiting some relief through the hoped-for increase in production. Directive has been issued by the corporation into M-353 of a proposed amendment requiring military need certifications on high rated orders as a prerequisite for obtaining priorities on deliveries, which would prevent the filling of such rated orders as are for non-military purposes and thereby afford a larger supply for distribution in the trade.

Zinc Oxide—Both leadfree types, still under strict allocation control, and leaded types, also, continue in short supply, with the situation in the latter being tightened by recourse to those types by buyers who would have preferred to obtain the former but who have been denied allocations because unable to show military needs. Market strong throughout.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Fillers and Extenders

Asbestos—Both Canadian and domestic types continue in brisk demand with prices well maintained. An arrival of 1,272,810 pounds of this material is noted.

Barytes—Adequate stocks of wetground barytes continue to be shown in Missouri, albeit dryground material is still in somewhat scanty supply in the South. An arrival of 4,075 tons of ore is reported.

China Clay—A fair-sized movement of both foreign and domestic kaolin continues to be noted. An arrival of precipitated chalk, consisting of 400 bagfuls, has been recorded.

Mica—A routine movement of dryground, waterground and finely pulverized scrap continues to be noted into the paint trade at firmly maintained prices.

Gypsum—Only a small business is currently recorded in this material. As recorded in the October 30 issue of OPD, producers of lime or gypsum products may sell to other lime or gypsum producers at prices above their present ceilings after October 31, under certain specified conditions.

Dry and Chemical Colors

Carbon Blacks—Despite intensified efforts of producers to swell the output of channel blacks, stocks of these blacks continue to shrink under the extraordinarily large takings of the so-called rubber grades as well as furnace blacks by the manufacturers of synthetic rubber tires. The inventory position of channel blacks at the close of September exhibited a reduction of more than 10,000,000 pounds to approximately 94,000,000 pounds and is being further lowered by current takings. It begins to look as if this absorption of stocks, in spite of existing restrictions on these rubber grades, will soon wipe out virtually all stocks and make it necessary to satisfy this gigantic demand from current production. Paint makers are still buying moderately of channel blacks outside the rubber grades and also of some other lines of carbon blacks.

In order to stimulate the manufacture of easy processing channel blacks, now so urgently needed to meet the requirements of the expanding program of synthetic rubber production, OPA has announced a special pricing formula effective November 8, for any additional output of easy processing channel carbon black produced from existing facilities over and above the monthly average for the first six months of 1944. his new pricing formula is based on the approximate total costs to produce the additional (incremental) output.

Graphite.—A routine movement of this color pigment is reported. An arrival of 427,650 pounds is noted.

Driers and Flatteners

Resinates—A routine movement of these driers continues to be noted.

Tallates—Paint and varnish makers.

For Current prices see alphabetical listing beginning on page 9.

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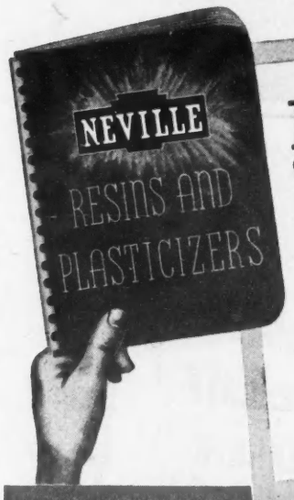

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unable to obtain even small WPB allocations of naphthenates, are turning in ever-increasing numbers to the tallates for their principal drying agents, and the takings of these consumers are swelling the volume of shipments to exceptionally large proportions. While the largest absorption continues in the lead types, business is also sizable in the cobalt, manganese and zinc types.

Stearates—With the demand for these flattening agents showing no signs of abatement, several of the leading manufacturers are finding themselves unable to accept any orders from new accounts and are compelled to limit their bookings to the accommodation of customers of long standing. The zinc types still lead in point of activity and in volume of orders booked, but there is also a keen call for the aluminum, calcium, cobalt and several other types.

Lacquer Materials

Ethyl Acetate—With military requirements still running high, there is little of this material available for paint and varnish makers for use as a solvent. Prices continue firmly maintained.

Figures on production of ethyl acetate for last August, compiled by WPB and the Chemical Division of the U. S. Tariff Commission, show the domestic output of this material for that month to have amounted to 9,074,118 pounds, while stocks on hand as of August 31 revealed 6,765,945 pounds.

Methyl Acetate—Still available in tankwagons and drums, free from allocation control, this material is continuing to move to paint and varnish makers, who are finding it satisfactory as a solvent, though somewhat quicker in action than ethyl acetate.

Synthetic Resins

Formaldehyde—In view of a shortage of formaldehyde and paraformaldehyde resulting from the draining of stocks with which to meet increasing military requirements, WPB has amended schedule 9 of its general chemicals order M-300 by lowering the small-order exemptions on both these chemicals, the former from 10,000 pounds of the 37 percent solution to 1,500 pounds, and the latter from 3,000 pounds to 500 pounds a month.

Phthalate Plasticizers—In conformity with its policy of putting all chemicals under a single order WPB has placed phthalate plasticizers and phosphate plasticizers under control of conservation order M-300, the general chemicals order, while simultaneously revoking orders M-203 and M-183, which formerly governed these chemicals. A reduction of the small-order exemption for phthalate plasticizers set forth in this order had been in force since March.

A list of synthetic resins with their current market quotations is published in this issue of OPD, beginning on page 33.

Naval Stores

In the absence of an authoritative ruling by the Office of Price Administration on the applicability of its price ceiling to stocks of gum rosin, at any and all production and accumulation center in the South, trading on the Savannah Cotton and Naval Stores Exchange continued to languish last week, with operations there limited to three out of the five possible trading days.

With stocks in the Savannah yards reduced to meager proportions, offerings in that market at the OPA ceiling prices had to be light, even on these three days, but some sizable private offerings and sales have been made from stocks in other centers, in Georgia, Florida, Alabama and Mississippi, at the prices asked by the sellers in those centers.

Locally, transactions in both turpentine and rosin have been confined to relatively small lots, although the export as well as the domestic demand has continued fairly keen. Rosin prices in New York are generally 85c. per 100 pounds above the Savannah ceiling prices.

Turpentine—Stocks of gum turpentine in the South appear to have been reduced by at least 35,000 barrels to approximately 200,000 barrels in the six months' period,, April 1 to October 1, during which 70 percent of the crop is customarily harvested and brought to market. It is now estimated that at least 175,000 barrels were produced in this six months' period and this output, ogether with the 35,000 barrel reduction in supplies would seemingly indicate a movement into consuming channels of 210,000 barrels for this period, as compared with an actual consumption of 240,000 barrels for the entire naval stores season ended March 31, last, and with 195,000 barrels for the fiscal year 1942-1943.

As current offerings have recently proved insufficient for the growing demand, some sizable additional drafts have been made on CCC stocks but the price in Savannah has remained unchanged at the CCC parity at 78½ cents per gallon, which has now prevailed since October 4.

Savannah, Nov. 3.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday ..	78½	600	99	107	27,167
Tuesday ..	78½	...	67	82	27,152
Wednesday.	78½	4,100	33	12	27,173
Thursday..	78½	...	59	...	27,232
Friday ...	78½	4,600	11	2	27,241

Rosin—Reluctance on the part of processors to part with their holdings of gum rosin in Savannah at the OPA ceiling prices and the light character of the stocks in Savannah yards have

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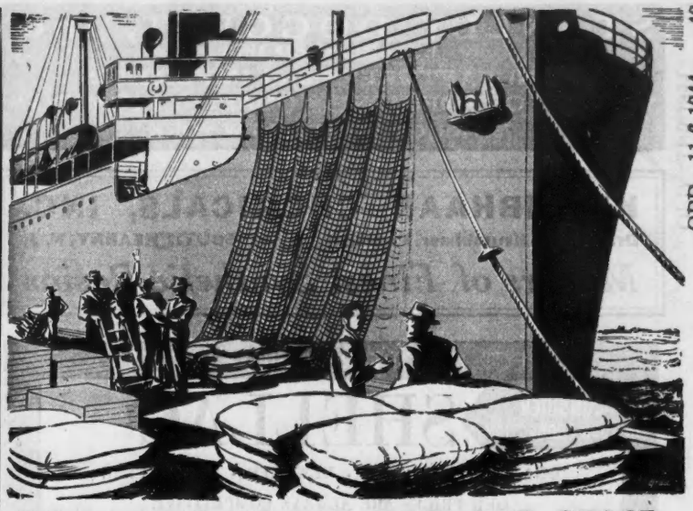

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tended to hold down operations in that official primary market to meager proportions on the three days last week, on which trading was engaged in on the Savannah exchange. However, on these trading days, all of the offerings made from Savannah yard stocks were instantly snapped up at the ceiling prices, albeit a scarcity of some of the lower grades made satisfactory allotment and distribution of the purchases very difficult. Outside the Savannah market, some producers who had established maximum prices on their holdings in other centers, either on a parity with or higher than the Savannah ceilings, made direct offerings to distributors elsewhere but without shipping their stocks into Savannah and making public offerings thereof.

Meanwhile, the trade continues to await some ruling by OPA on the applicability of the price ceilings to stocks of rosin in these other centers.

Savannah, Nov. 3.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.05	$5.05	$5.05	$5.05	$5.05
D	5.12	5.12	5.12	5.12	5.12
E	5.65	5.65	5.65	5.65	5.65
F	5.75	5.75	5.75	5.75	5.75
G	5.79	5.79	5.79	5.79	5.79
H	5.81	5.81	5.81	5.81	5.81
I	5.81	5.81	5.81	5.81	5.81
K	5.85	5.85	5.85	5.85	5.85
M	5.87	5.87	5.87	5.87	5.87
N	6.03	6.03	6.03	6.03	6.03
WG	6.28	6.28	6.28	6.28	6.28
WW	6.55	6.55	6.55	6.55	6.55
X	6.55	6.55	6.50	6.55	6.55
	Drums				
Sales	50	...	210	...	148
Receipts	53	134	150	65	186
Shipments	100	209	284	133	280
Stocks	17,035	16,223	16,826	16,758	16,664

Varnish Gums

Copal—While slightly eased in some quarters by recent arrivals from the Belgian Congo under the permits granted on the 3,000 tons authorized for shipment from that country of origin into the United States in the second half of this year, the American supply situation in Congo copal is still rather tight. Further relief on this score is confidently looked for, however, within the two concluding months of this year. Varnish makers and manufacturers of resin emulsion paints continue to buy moderately.

Shellac—Although bleachery operations continue woefully below the normal levels of the prewar period, with the bleachers still rather slow in getting their full plant capacities running again, some improvement is currently noted in the output of cut shellac, albeit the present allotment of denatured alcohol to the cutters, approximating 62 percent of their 1941 consumption, is still regarded as decidedly inadequate for the trade's needs. American importers continue to negotiate for shipments of seedlac and the cheaper grades of orange shellac on their own individual accounts but the most optimistic operators do not look for any arrivals in this country on these scores before the end of this year and are scarcely inclined to expect any of these private shipments to reach here until early in 1945. Meanwhile, however, processors continue to obtain moderate quantities of the grades most pressingly needed through the Defense Supplies Corporation.

Exports of shellac from Calcutta to all consuming countries for the six months ended June 30, 1944, compared with those for the corresponding periods of 1943 and 1942, are shown below:—

	Packages		
	1944	1943	1942
Orange	114,256	35,083	108,317
Garnet	2,905	1,819	1,949
Button	8,262	610	4,495
Seed	25,530	3,037	54,266
Totals	150,953	40,549	169,027

Glues and Binders

Casein—An additional arrival of 10,553 bagfuls, or approximately 696½ tons, of Argentine casein has been noted without being reflected in any way in the American market for this material. Demand has waned considerably within the past fortnight but, although a slightly weaker tone prevails, there has as yet been no price cutting for this type of casein or on the domestic types, wherein the production is seasonally light.

Glues—Although the outlook for continued government regulation of glue distribution still suggests retention of allocation for both hide and acidulated bone glues not only in the remainder of this year but also throughout the first quarter of next year, no hardships are expected to result for any domestic consumers, unless lend-lease allowances reach such large proportions as to reduce supplies available for American users to a greater extent than now seems probable. Arrivals of 30 bales and 27 rolls of gluestock and of 750 bags and 111,875 pounds of crushed bones are noted.

Kentucky Color Appoints Four Sales Agents

New representatives at three Pacific Coast points as well as Detroit have been announced by the Kentucky Color & Chemical Company, Louisville, Ky., for the sale of its dry colors. They are:—The Edmund B. Taylor Company, Los Angeles, Calif.; Carl F. Miller & Co., Seattle, Wash.; Miller & Zehrung Chemical Company, Portland, Ore., and C. W. Hess Company, Detroit, Mich.

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Oils, Fats, and Waxes

Because of the increasing tension in the tight flaxseed situation, linseed oil crushers announced to the trade during the week that orders for this oil would be only accepted on the proviso that they could purchase the flaxseed to cover contracts. Demand for linseed oil was active, with consumers seeking to cover requirements for the first half of next year.

Interest in tung oil continued slow during the week and demand of late has not been sufficient materially to reduce the heavy government stockpile of this oil. Consumption of late has been reduced sharply by cutbacks in war orders which formerly absorbed the bulk of the quantities sold at ceilings. Prevailing high prices have resulted in buyers for civilian uses turning to other drying oils, namely dehydrated castor, linseed and oiticica and fish oils and also to processed oils which are available at considerably below the price of tung oil. The removal of end use restrictions has not improved the consumption; in fact, the volume of business has shown a steady reduction, according to leading sellers, since the restrictions were lifted.

Recent activity in crude menhaden oil cleaned up the bulk of this season's production in the Chesapeake Bay and northern areas at prices below ceilings. This caused the crude sardine to develop a stronger tone, with producers on the Pacific Coast advancing prices closer to ceilings. Considerable business was booked at levels well below ceilings during the past few weeks.

The sharp break in hogs early in the week was checked, and moderate advances were registered. It was intimated that the downward trend was stopped by unofficial hints that the government might intervene if the decline was extended.

Cottonseed Oil

Trading in cottonseed oil futures was moderate, with the market holding firm at recent high levels. September reached a new high during the week. Interest in crude oil continued active, though business transacted was not heavy because of light offerings.

Reports from the cotton belt stated that cotton picking during the week was generally good to excellent and is nearing completion in the Eastern and advancing rapidly in the Western belt, although labor supply was still short.

A good demand for cottonseed meal was not satisfied due to limited offerings in the South. Trading in soybean meal in the Southeast was noted for December-March delivery, with available stocks for prompt shipment scarce.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
December	....	....	14.31 nom.
March	14.15	14.15	14.10-14.25
May	14.15	14.15	14.10-14.30
September	13.45	13.40	13.45 spot
October	....	....	13.20-13.60

Total sales, 15 contracts.

Cash, 14.31c. nom.

Crude, Southeast, 12¾c.; Valley, 12⅝c.; Texas, 12c. (all ceiling prices).

Memphis, Nov. 2—Some scattered trading in cottonseed and soybean oils, with volume moderate. Demand for cottonseed meal active though business restricted under light offerings. Sales were made in soybean meal for December-March delivery while prompt continues scarce. Cotton crop moving rapidly with labor shortage still scarce.

Linseed Oil

As the result of the tighter flaxseed supply situation crushers were accepting orders, subject to their ability to obtain seed to cover the delivery of oil. This brought out an active demand for January forward shipment, with buyers showing most interest in April-June requirement. Prices were unchanged and firm. Withdrawals of oil against contracts continued active.

Minneapolis, Nov. 1.—Linseed oil trade is slowing some, chiefly because the crushers are averse to making forward commitments in greater volume than flax receipts warrant. If the crushers can buy flax to arrive they are willing to sell the oil. Inasmuch as they are unable to buy futures, this is the only hedge they have. There has been no government lend-lease buying of late, but there is a suspicion that some will develop in the near future, another reason why the crushers are being cautious.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	5,040,000	6,820,000
Since Sept. 1	43,680,000	45,060,000

Market Trends

Prices Advanced

Menhaden crude oil, ¼c. per lb.
Sardine oil, crude, ¼c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
191.9	191.7	192.1	195.4

Flaxseed

Minneapolis, Nov. 1.—Flaxseed receipts continue to taper off, partly on account of the boxcar shortage and preference shippers show toward moving other grains. The trade expects a freer movement of flax if colder weather comes.

Demand for spot offerings is excellent and prices continue at ceiling. Competition for below-ceiling quality is strong and offerings move at good prices. Eastern crushers are trying to build up a reserve supply of seed. Offerings to arrive are very limited.

Crop movement in bushels follows:—

	Receipts 1944	Receipts 1943	Shipments 1944	Shipments 1943
This week	465,000	472,500	52,500	26,500
Since Sept. 1	8,124,000	13,394,000	926,500	949,000

The week's closing flaxseed price range was as follows:—

	Cash	Dec.
Saturday	$3.10	$3.10
Monday	3.10	3.10
Tuesday	3.10	3.10
Wednesday	3.10	3.10
Thursday	3.10	3.10
Friday	3.10	3.10

Buenos Aires, Nov. 3.—Flaxseed shipments to the United Kingdom totaled 43,000 bushels during the week. None to other points. Visible supply was estimated at 4,528,000 bushels. Flaxseed for export was quoted at $2.26½ per bushel, U. S. funds; Rosario, $2.17⅜ per bushel.

Hull, Nov. 3.—Bombay, £32, November; Calcutta, £31¼, November; La Plata, not quoted.

Linseed Meal

Minneapolis, Nov. 1.—Demand is broad and expanding while crushers' offerings are shrinking on account of limited flax stocks. Sales for sixty-day shipment continue to keep nearby output sold up. Shipping instructions are very good and most crushers are falling behind in filling contracts.

Shipments during the week ending October 31 totaled 10,260,000 pounds; year ago, 12,600,000 pounds.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	10,260,000	12,600,000
Since Sept. 1	58,560,000	74,020,000

Other Vegetable Oils

Coconut—Receipts were reported at 1,017 tons consigned to consumers and some 21,432 bags of copra for delivery to oil crushers.

Olive—Small lots of edible Spanish olive oil was offered for shipment in 2-6 gallon tins, in cases, at former levels. Demand was fair. The trade was awaiting the shipment of oil purchased recently, which was expected to be made about the middle of this month.

Oiticica—Some 700 drums were reported received against prior contracts. Trading was limited to small lots for actual needs. Prices were unchanged.

Palm—Receipts totaled 1,381 tons, which were delivered on prior contracts.

Soybean—An active inquiry continued for crude for the first and second quarter delivery next year. Sales were moderate at ceilings with crushers not offering liberally

Tucum—Recent receipts totaled 530 barrels and were consigned on former orders.

Tung—Buying interest lacked improvement with trading still limited to occasional small drum lots for immediate requirements. Quotations were unchanged at ceilings.

For Current prices see alphabetical listing beginning on page 9.

Fish Oils

Menhaden — Trading in crude oil was reported quiet, with quotations nominal at 8¼c. per pound, in bulk, f.o.b. Atlantic Coast.

Baltimore, Nov. 1—Most of the fishing companies down the Chesapeake Bay as well as in the more northern area, have sold the stocks in hand, while the operators of North Carolina have booked orders up to the estimated production. Some of the producers have sold out, while others are near that state. Sales were made at 8 cents and then to 7¾. Since then it has gone up again to 8 cents, with holders refusing to sell at less. Meanwhile the fishing companies in North Carolina are going ahead with operations, but reports about the production of oil are indefinite.

Sardine—The tone of the market was firmer during the week. Producers withdrew offerings and prices were more or less nominal at 8¼c. per gallon, in bulk, though unconfirmed reports late in the period stated that oil was held at ceilings. Fishing was affected by the full-moon period.

Los Angeles, Nov. 1—The full moon period here has somewhat lowered the landing tonnages. The California Sardine Institute reports 3,420,356 gallons of oil produced for September, 1944, as against 4,973,271 in the same period last year for central and northern California districts.

Fats and Greases

Lard — Trading was moderate at ceilings. The market was firm for all grades. Soapers were in the market and purchased good-sized lots of prime steam lard and rendered pork fat, loose, in the West at ceilings, Hogs became firmer after declining early in the week. It was reported that unofficial hints of government intervention would result unless the decline was checked. Lard stocks in Chicago on October 31 totaled 23,285,912 pounds, as compared with 29,220,271 pounds on October 1 and 21,641,888 pounds, October 31, last year.

Grease—Firm conditions continued to prevail in this market. Better grades were in good demand and readily absorbed. Brown grades were steady and held at ceilings.

Tallow—Buying interest continued active, but business was limited because of the sold-up production. Prices were well held at ceilings. WFA is expected to recommend, some time this month, that the cattle-slaughter goals in 1945 be set about 1,000,000 head above 1944, but the hog goals still were undecided.

Fatty Acids

Red Oil—Steady consuming demand continued during the week. Prices were firm and reflected the strength in pressing stock.

Stearic Acid—An active inquiry for prompt requirements was noted for all grades. Offerings continued scarce due to the sold-up production. Prices were firm at ceilings.

Waxes

Beeswax—Crude continued scarce on the spot. Refined grades were in good demand with stocks light. Receipts amounted to 140 blocks and 434 bags.

Candelilla—This market was steady with trading spotty at current levels.

Carnauba—Consumers were manifesting little interest in this market except for small lots for immediate needs. Primary markets continued firm with offerings for prompt and nearby shipment scarce. January forward positions were available at ceiling prices with consumers showing little interest. Receipts were reported at 4,009 bags.

Ouricury — Trading was moderate mainly for spot delivery. December forward shipments were offered quite freely, but attracted little attention.

Flax Institute to Meet

Flax Institute of the United States will hold its annual convention at the Nicollet hotel, Minneapolis, December 11 and 12.

Dr. Oliver Atkins Farwell, retired botanical expert for Parke, Davis & Co., drug manufacturer, Detriot, who died several weeks ago, bequeathed his herbarium of some 40,000 Michigan plants, to the Cranbrook Institute of Science, Bloomfield Hills, Mich.

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In the realm of general market developments, the decline in castor bean prices in Brazil emphasized the inactivity of business there and the presence of a stockpile here large enough to account for the withdrawal of the government from the Brazilian market for the time being. Alcohol manufacture in the interest of beverage production is not likely to be permitted by the War Production Board, according to the latest information regarding a possible holiday. Long established suppliers of industrial alcohol took a favorable view on postwar alcohol needs, especially by the protective coatings industry. They also thought that the use of alcohol and water by injection into cylinders of internal combustion engines may be adopted by postwar makers of motor cars, a fact favorable to increased consumption of alcohol.

Larger production of arecoline seemed likely in view of the very large arrival of areca nuts. Some improvement in the overall position of alkaloidal drugs was noted.

The War Production Board reduced the small order exemptions on formaldehyde and paraformaldehyde and a similar reduction was said to be scheduled for hexamethylenetetramine. Polyethylene was shifted to allocation under order M-300. The Office of Price Administration was still being urged to make fishliver oils in-the-liver the basis for price ceilings. The use of extracted oil as a price ceiling basis is said not to encourage production.

Data regarding August production and stocks of acetanilide, acetylsalicylic acid, edible lactic acid, diethyl ether acetate, phenobarbital, riboflavin, and sulfa drugs were released by the Chemical Division of the U. S. Tariff Commission.

Acetanilide — Technical and pure material are being made in Canada in quantities sufficient to meet the Dominion's needs and to provide a surplus for export. Canada has been importing about 200,000 pounds per year from the United States. According to the United States Tariff Commission, Chemical Division, August production was 211,486 pounds, an increase of 33,732 pounds over July. Stocks at the end of August were 592,477 pounds, a decrease of 148,792 pounds from the July position.

Acid, Acetylsalicylic.—The Chemical Division of the U. S. Tariff Commission reports August production at 737,690 pounds, an increase of 46,400 pounds over July. Stocks at the end of the month were 915,912 pounds, or 55,745 pounds less than were in hand at the end of July.

Acid, Citric.—Fourth quarter allocation for pharmaceutical use was set at 55 percent, as compared with 75 percent in the third. Requests for chemical manufacture of citrates were granted 90 percent.

Acid, Lactic—August production of edible material was 457,441 pounds, an increase of 193,187 pounds over July, according to the Chemical Division of the U. S. Tariff Commission. Stocks at the end of August were 75,612 pounds, a drop of 222,496 pounds from the July position.

Alcohol—Prewar producers of industrial and pure alcohol face the immediate postwar period with considerable confidence. They find in the large backlog of orders for numerous products requiring protective coatings a potential alcohol outlet of substantial proportions. Consumption of natural and synthetic resins is expected to reach large totals. And in the offing is the use of alcohol as a power fuel in internal combustion engines, a use which has been advanced many times in the past with little overall success but which, because of the application of the injection of alcohol and water into airplane engines, may get farther than it has before if the resumption of civilian motor car production brings also the adoption of injection in a form making the use of alcohol economically feasible. The latest information is that the War Production Board is not likely to grant another "holiday" during which whisky and wine plants may make alcohol for beverage purposes.

Arecoline—A period of larger production would seem to be at hand if the very large arrivals of areca nuts serve as a reliable barometer.

Apple Syrup—Large production exists in the apple areas of Virginia and prices have been lowered to around 14c. to 16c. per pound.

Castor Oil—The Brazilian market on beans was weak and lower. Little demand and a large crop combine to weaken the entire market position there. Quotations were $58 to $59 per long ton, f.o.b. Brazilian ports, a price position that received practically no buying support. Stocks here were up 981,300 pounds, making the total arrivals since January 1, 227,077,790 pounds. The total for the corresponding period a year ago was 219,778,950 pounds. Ample reserves of beans in this country—the government here is buying no longer in the primary market—assure ample production of oil.

Chicago, Nov. 1.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, cold pressed, 14¾c., returnable drums, car lots; drums, less than car lots, 15c.; tanks, 13½c.

Codliver Oil—Fall buying has been very good and has supported prices well. Pressing requirements have been well supplied to this time. Leading importers fail to report anything new regarding the future of Norwegian production which is due to start shortly after the first of next year. If Germany be cut off from connection with Norway—a not entirely improbable event—the Norwegian oil will play a substantial role in distribution of oil in 1945.

Creosote—The season of widening requirements is at hand and finds stocks definitely on the short side. The entire market position was reported to be one of strength.

Diethyl Ether—August production totaled 5,088,509 pounds, or 99,980 pounds more than in July. Stocks at the end of August were 2,019,774 pounds, which was a decrease of 19,229 pounds from the July figure. The data are from the Chemical Division of the U. S. Tariff Commission.

Ethyl Acetate—Production in August totaled 9,074,118 pounds, an increase of 1,302,662 pounds over July, according to the Chemical Division of U. S. Tariff Commission. Stocks at the end of the month were 6,765,945 pounds, or an increase of 630,479 pounds over the July position.

Fishliver Oils—Sales are made always at ceiling limits and production is taken promptly, leaving little unsold surplus if any. Sellers continue to have some hope that the Office of Price Administration eventually will shift the ceiling basis to oil-in-the-livers. WFA on October 6 bought 377,622 million units of vitamin A oil at the ceiling.

San Francisco, Nov. 1—There is no improvement in the Pacific coast supply of fish liver oils. All potencies are in active demand, with special emphasis on the lower variety. All movements of oil are at ceiling.

Glycerin—Plentiful stocks for civilians were reported and the outmovement into such channels does not reduce supplies substantially. However, refiners usually view glycerin in store as good property that will be highly valuable when the world is once more possible. The only real evidence of

Market Trends

Prices Advanced

None

Prices Reduced

Apple syrup, 2c. per lb.
Castor beans, shipment, $3 per long ton.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
235.8	235.8	235.4	241.0

For Current prices see alphabetical listing beginning on page 9.

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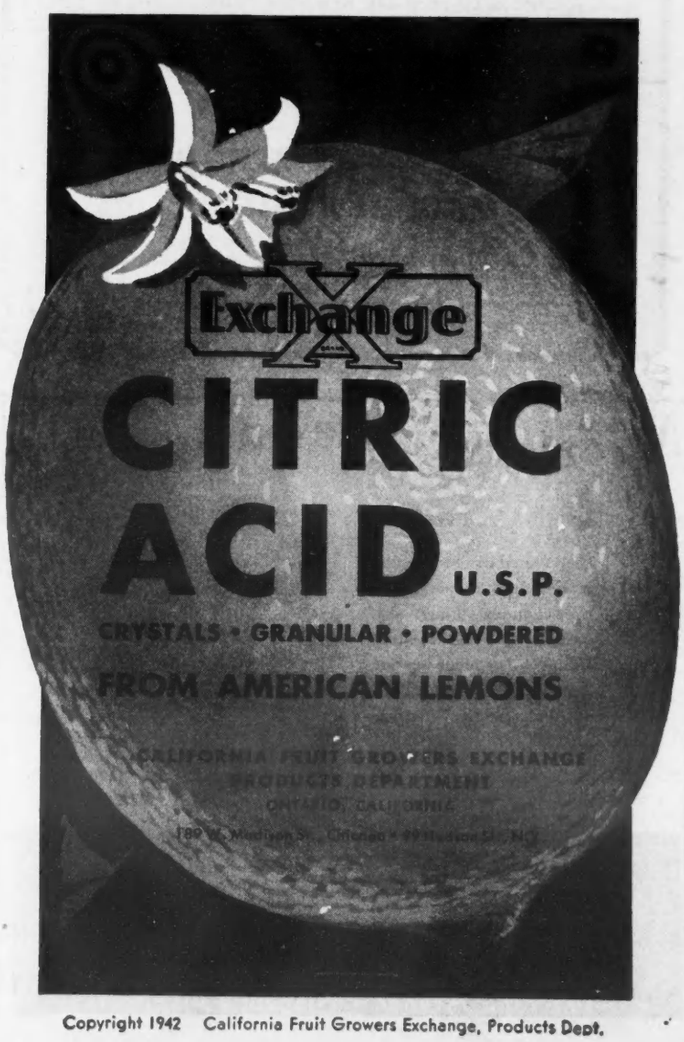

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price unsettlements is found in crude glycerin stored by non-refining producers. Where the accumulation is substantial, there is some tendency to accept bids in order to move the stores more promptly into refining channels.

Chicago, Nov. 1 — Glycerin prices are:—Chemically pure, tanks, 15c. per pound; drums, car lots, 15½c.; drums, less than car lots, 15¾c.; high gravity, tanks, 14¼c. per pound; drums, car lots, 14½c.; drums, less than car lots, 15c.

Formaldehyde — The War Production Board has ordered a cut in small order exemptions to 1,500 pounds per month. It had been 10,000 pounds. The trouble appears to be that the huge need for ammonia has cut production of synthetic methanol, which in turn reacts adversely on the output of formaldehyde.

Menthol — USP synthetic racemic menthol was priced at $8 to $9.15 per pound according to quantity. Synthetic material of technical quality was reported available at $5 to $6. Natural menthol from Brazil was quoted $15.50 per pound minimum from major supply sources in the open market but the figure seemed to be subject to occasional shading in other directions. Although nothing new in the way of confirmed news from Brazil was current last week, the report of real damage by drought persisted. The real situation must await the result of investigations now underway by American operators recently flown to Brazil for that purpose.

Milk Powder—Purchases made by the War Food Administration, October 12 to 16, totaled 1,134,350 pounds of spray process skimmed milk powder; 2,696,600 pounds of roller process; and 280,958 pounds of whole milk powder.

Paraformaldehyde—Small order exemptions were reported reduced to 500 pounds per month by the War Production Board.

Phenobarbital—The Chemical Division of the U. S. Tariff Commission reports August production at 11,924 pounds, a drop of 334 pounds from the July output figure. Stocks at the end of August totaled 45,359 pounds, which was 4,454 pounds below the July position.

Quicksilver.—Shortage in spot stocks was unrelieved and the market position continued mainly nominal at $114 to $115 per flask. The position is said to be very sensitive, but against any possible expansion in domestic production is the fact this is the most adverse season for the operation of many mines. Normally, production is closed in during the Winter period.

San Francisco, Nov. 1.—Scarcity of supplies continued to limit trading in the quicksilver market. Stocks here are reported as being extremely low with little spot metal being offered. Prices remain between $102 and $105 per flask, f.o.b. San Francisco.

Riboflavin — August stocks were 39,415 pounds, a drop of 2,522 pounds from the July 31 stock as reported by the Chemical Division of the U. S. Tariff Commission. The commission gave no production figures.

Sulfa Drugs—Total production in August was 220,543 pounds, a drop of 25,907 pounds from the output reported for July by the Chemical Division of the U. S. Tariff Commission. Stocks at the end of August were reported at 1,353,723 pounds, a drop of 144,107 pounds from July stocks.

Theobromine—A Lodon cable reported a price decline of 38s. 6d. per pound. Spot quotations prevailed at ceiling limits.

Michigan Chemical Corp. Expands DDT Production

Facilities of the Michigan Chemical Corporation, St. Louis, Mich., have been expanded to increase production of DDT, according to John L. Giles, vice-president and general manager.

The Michigan Chemical Corporation is also a producer of methyl bromide, now being used by the armed forces as a fumigant. The firm also produces magnesium oxides, calcined magnesite and calcined magnesia.

A.D.M.A. to Meet May 7

The American Drug Manufacturers Association will hold its 1945 convention at the Homestead, Hot Springs, Va., May 7 and 10, inclusive.

Wine Grape Yeast Company is the firm name under which Max Miller has published a certificate that he is conducting business at 5806 Second Avenue, Los Angeles, Calif.

Daly Rewarded by A.P.M.A.

Thomas F. Daly recently completed twenty-five years of employment in the office of Charles Wesley Dunn, general counsel of the American Pharmaceutical Manufacturers Association, where he has handled the bulletin service and other features of the Association's work. In commemoration and appreciation of his services, the association has presented him with a gold watch, appropriately inscribed.

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Industrial Chemicals Dept. Wilmington, Delaware

James A. Stewart, vice-president of the American Can Company, New York, formerly in charge of packers' can manufacture, has been relieved of all former duties to head a newly organized research and development department. The department will focus all of the company's research, experimental, new development and marketing resources on new products, new containers, new uses of containers and improved processes that will contribute to maximum postwar levels of production and employment.

Trade Briefs

Ergotamine tartrate, according to Dr. Justin K. Fuller, medical director of the War Shipping Administration, is proving a valuable aid in treatment of merchant seamen with psycho-pathological symptons resulting from exposure to war hazards, WSA announced.

Maj. William H. Taylor, glider expert with United States forces in England, was formerly assistant traffic manager for the Lambert Pharmacal Company, St. Louis. Major Taylor is now in Washington with the data collected as instructor and surveyor of gliding in the invasion.

Thialdine, a heterocyclic intermediate containing both sulphur and nitrogen in the ring, has recently been developed by Carbide & Carbon Chemicals Corporation, a unit of Union Carbide & Carbon Corporation, New York, and is currently available in commercial quantities for prompt shipment.

RFC Settlement Group

—*Continued from page 3*

or as to which uniformity of action on the part of the other agencies of the government is desirable.

Announcement also was made by Mr. Henderson of the issuance of Contract Termination Regulation No. 1 setting forth the procedure of termination of war contracts, claims, settlements and interim financing. The rule is similar to that applying to other agencies and issued by the Office of Contract Settlements.

Contractors Claims

—*Continued from page 3*

mination Planning, which each contractor should take:—

(a) He can avail himself of all publications (such as "The Contractor's Guide") that explain termination procedures. Copies of these publications are available from his local contracting officer.

(b) He can delegate a member of his organization to check government regulations on the subject of contract termination.

(c) He can attend awareness meetings such as those conducted by Chambers of Commerce, the Smaller War Plants Corporation and industrial groups.

(d) He can keep in close touch with his local contracting officer, especially on those individual problems that may exist in his particular organization.

(e) He can set up a termination group within his own company.

Glyco Names Leuck Research Director

Gerald J. Leuck has been appointed director of research, of Glyco Products Company, Brooklyn. Dr. Leuck received his Ph.D. at Northwestern University and was formerly with the Miner Laboratories, Chicago. Prior to his connection with the Miner Laboratories, Dr. Leuck did post-doctorate work under Von Auvers at the University of Marburg, Germany; under Moureu at the College of France, Paris, and under Mark at the University of Vienna.

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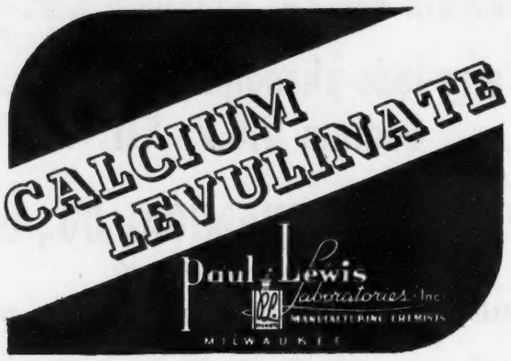

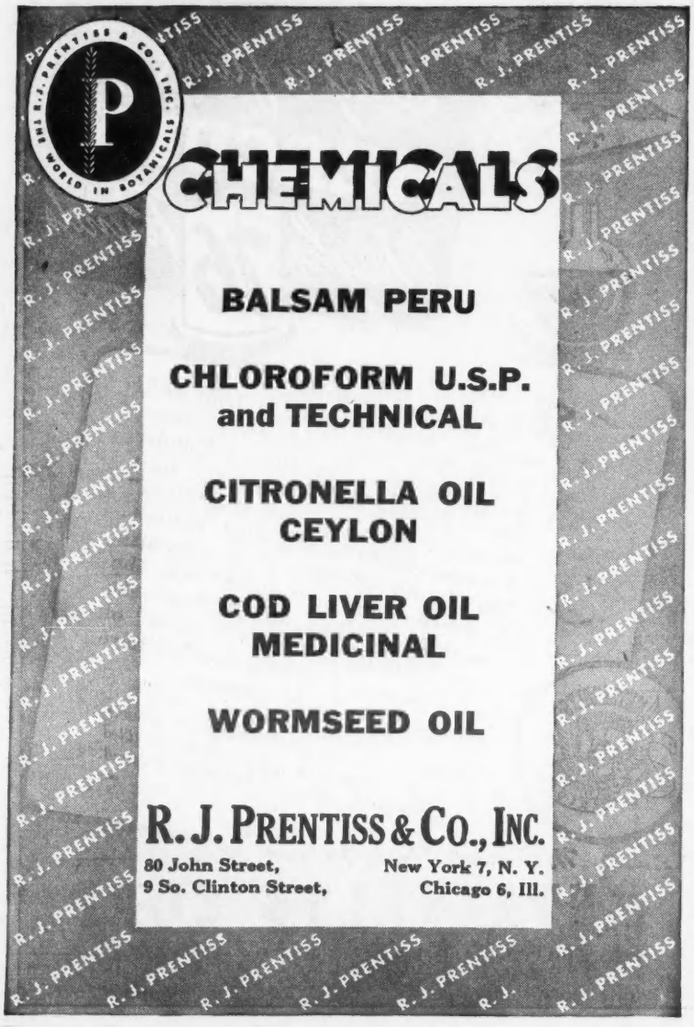
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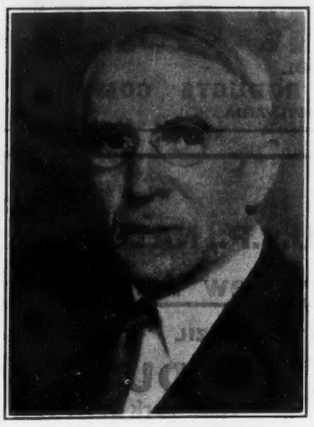
Obituaries

—Continued from page 5

cialties, and finding himself unable to sell one road because of its air-tight contract with a Cleveland firm he turned around and sold his products to the Cleveland firm for resale to the Chicago railroad. The Cleveland firm



George A. Martin

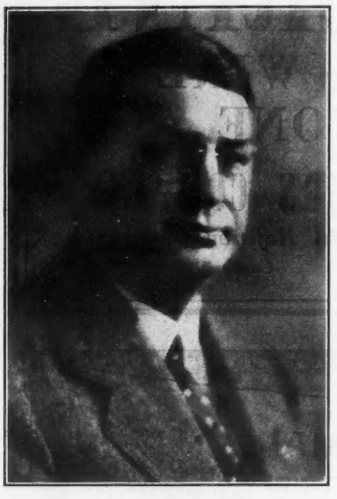
was the Sherwin-Williams Company, who in 1891 offered him the management of its subsidiary, the Calumet Paint Company. His next move was to take charge of the company's mining, smelting and oil crushing operations, and in 1916 he became vice-president. Five years later he was general manager, in 1922 became president, and in 1940, his fiftieth year with Sherwin-Williams, he was elected board chairman.

Mr. Martin was a director of the Goodyear Tire & Rubber Company, Erie Railroad, Wilson & Co., the Cleveland Baseball Company, the Metropolitan Opera Association of New York.

Surviving are his wife and son.

Dr. Claude Searle

Dr. Claude Howard Searle, chairman of the board of directors of G. D. Searle & Co., pharmaceutical manufacturer, Chicago, died of pneumonia October 22. He was seventy-one years of age.



Dr. C. H. Searle

Dr. Searle graduated from Rush Medical College, Chicago, in 1898 after attending Hobart College and Cornell University. He was engaged in the general practice of medicine until 1909, when he joined the firm of G. D. Searle & Co., which his father had founded in 1888. He became president of the company in 1917 and chairman of the board of directors in 1936, being succeeded as president by his son, John G. Searle, who continues as the active head of the business.

During the first World War, Dr. Searle served as major in the Medical Corps of the Illinois National Guard. Dr. Searle was one of the founders, and served terms as secretary, president and a member of the executive committee of the American Pharmaceutical Manufacturers Association.

Surviving are his wife Marion, whom he married in 1898, by two sons, Howard B. and John G. Searle, and by three grandchildren, Daniel C., now in the Navy, William L. and Sue Searle.

Charles D. Howard

Charles D. Howard, long a pioneer advocate of legislation for pure foods and drugs, died October 29 in Concord, N. H. He was seventy-one years of age. Born in Westford, Mass., Mr. Howard was graduated from the Worcester Polytechnic Institute in 1893. He became State director of the Division of Chemistry and Sanitation in 1920, and held the position at his death.

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Textile and Leather Chemicals

Producers of quebracho extract have temporarily withdrawn from the market, and it is understood they have advanced prices fractionally for shipments. The Office of Price Administration has not approved of the higher levels and as a consequence trading was in abeyance until a decision by OPA is announced. Business in other tanstuffs continued slow, because of the scarcity of offerings and shortage of shipping space, though inquiry for future requirements was active.

The tight supply situation in tapioca flour showed no improvement during the week. Trading continued stalemated, with offerings for shipment maintained at prices above the import OPA ceilings. Other sizing materials were moving at a steady pace at unchanged prices. Egg albumen and egg yolk were in fair request below ceilings, with the advance in the OPA ceilings, effective November 1, disregarded.

The War Production Board placed primary chromium chemicals, under the control of M-300, the general chemicals order, effective November 2. At the same time, M-18-b, M-203 and M-183, which formerly governed these chemicals, were revoked.

Changes in the production schedule, preference rating schedules and distribution schedule of Supplementary Order M-317B (Cotton Sale Yarn Production and Distribution) has been announced by the Textile, Clothing and Leather Bureau of the War Production Board.

Producers of duck, a heavy cotton fabric, may enter into contracts with persons other than war procurement agencies on an adjustable pricing basis on or after November 1, 1944, it was announced by the Office of Price Administration.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
276.4	276.4	276.4	267.7

Chemicals

Alumina Chloride—Consumers taking fair-sized lots for immediate requirements. Prices remain steady.

Soda, Formic—Shifted from a relatively easy supply condition into a tighter situation. Recent buying, principally from the leather and textile industries, has reduced inventories and there was no pressure to sell at the close.

Zinc Dust—Production totaled 2,350 tons during the month of August. Shipments were 2,444 tons and stocks at the end of August amounted to 390 tons, according to the Bureau of Mines.

Dyestuffs

Annatto—Small stocks on the spot were closely held. Holders continued to limit offerings to their regular trade. Inquiry was fairly active. Prices were steady.

Madder—Market was dull and featureless. Trading of late has been merely routine.

Sizing Materials

Albumen, Egg—Demand was more brisk during the week and supplies have become tighter, resulting in a firmer tone. Trading was moderate and transacted at prices still well below ceilings. Higher OPA ceilings which became effective November 1 were disregarded by sellers and prices were about 13 cents per pound under the schedule. Competition from frozen whites has been reduced, strengthening the albumen market. Granular albumen was quoted at $2 per pound and powdered at $1.95 per pound, barrels, in car lots. Technical grade was in more liberal supply and ranged from $1.50 to $1.60 per pound, barrels, according to quantity. The production of dried egg during September totaled 24,988,000 pounds; nearly 10 million pounds or 28 percent less than the production during August, 1944, but 25 percent larger than the quantity produced in September last year. Production of dried egg for the first nine months of 1944 totaled 270,762,000 pounds, compared with 195,524,000 pounds during the same period last year, an increase of 38 percent. Stocks of dried whole eggs on October 1 totaled 101,764,000 pounds.

Dextrin, Corn—An active inquiry for prompt and nearby needs was noted during the week. Supplies were still light because of the sold up output. Delivery situation has improved somewhat and deliveries against former orders were closer to schedule than for some time past.

Egg, Yolk—Slight improvement in demand was noted. Offerings continued light due to limited stocks. Trading was done on the basis of $1.08 to $1.10 per pound, in barrels, depending upon seller and quantity. OPA schedule was advanced one cent per pound, November 1.

Starch, Corn—New business has slackened, though the call for delivery against former orders continued at a good pace during the week. Prices were unchanged and steady. The visible supply of corn stocks declined 464,000 bushels to 6,195,000 bushels during the week ended October 28, comparing with 9,312,000 bushels a year ago. War Food Administration reported the purchase of type A and B corn starch totaling 6,249,500 pounds at prices ranging from 3.682 cents to 3.91 cents per pound in bags, f.o.b. plant on October 12. Department of Agriculture announced the parity price for corn as of October 15 was unchanged at $1.09 per bushel, the same as prevailed on September 15, while the price received by farmers on October 15 was $1.13 per bushel, a reduction of 3 cents per bushel.

Tapioca Flour—Arrivals from primary centers have temporarily increased stocks in consumers' hands, but were far from improving the tight supply situation existing in the tapioca flour market. Trading for shipment from primary markets have reached a stalemate, because offerings were still named above OPA import ceilings. Receipts of 10,074 bags were reported and were consigned to consumers against former orders.

Tanning Materials

Divi-Divi—Trading continued inactive because of the scarcity of offerings for shipment from primary centers. Lack of shipping space was another factor which affected the replenishment of small supplies here. Market ruled firm at former quotations.

Mangrove Bark—Conditions were firm and unchanged. Consumers were in the market for supplies for nearby and future requirements. Business was slow, because of the lack of offerings from abroad. Shipping conditions also were tight, due to the scarcity of freight space.

Myrobalans—Trading was light and spasmodic. Shipments from foreign sources were fairly liberal, but consumers were not manifesting an active inquiry at present. Prices were well held. Receipts were reported at 1,775 bags.

Quebracho—Producers of extract have temporarily withdrawn offerings for shipment, and reports from primary centers state that prices were advanced about ¾c. per pound. This increase has not as yet been approved by OPA. Supplies of extract held by consumers were said to be sufficient to cover needs for the next six months.

Tara Powder—With stocks held by consumers fairly liberal, buying interest continued slow Since the conquest of Sicily, consumers prefer to await developments in the shipping prospects for Sicilian sumac extract.

Wattle Bark—Inquiry was active for bark and extract, but trading lacked improvement because of the limited available supply for shipment from producing centers. Prices were firm. Receipts of 112 tons of wattle bark was consigned to consumers on prior contracts.

For Current prices see alphabetical listing beginning on page 9.

R.B. Harper Gets Chicago A.I.C. Honor

The honor scroll of the Chicago chapter of the American Institute of Chemists was presented to Robert B. Harper, vice-president in charge of research of the People's Gas Light & Coke Company, at a testimonial dinner, October 6. Among those testifying to the merits of Mr. Harper was Prof. Harry McCormack, who had been his teacher before he became associated with the company almost forty years ago.

Wattle Wood Source Of Carbon in Africa

A method has been reported for the production of highly activated carbon from wattle wood, by the South African Fuel Research Institute at Pretoria. The process was designed to provide an absorbent which could replace bentonite, in the regeneration of used lubricating oils.

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Botanical Drugs, Spices, Gums

Although the market for botanical drugs had a routine appearance last week, it was not unlikely that the call for Winter specialties showed a gain along lines that might be considered normal. And it was clear that those requiring seasonal articles failed to find anything like the stock that would be normal for this time of the year. The fact was that almost without exception the situation in most materials was close to being tight. In many, it was more than everything that the expression "tight" implies.

Additions to spot stocks of juniper berries, pyrethrum flowers, euphorbia, areca nuts, papain, rhubarb, and valerian root were noted. The gains in supply noted in areca nuts suggested manufacturing activity by those producing arecoline. British importers of areca nuts were reported due to get import licenses.

Locust bean gum was slightly lower notwithstanding that the Spanish government was said to be enforcing official minimum export prices that are higher than other sources now ask. Karaya was also down moderately, the influence of lessened demand. Both gums received additions to spot supplies. Arnica flowers and powdered papain sold at lower price levels.

Condimental items showed a divided market trend. Allspice, Chilean paprika, and red peppers known as Carolina and Niger were on the higher side of price developments, while clove for later arrival, dill, No. 1 Jamaica ginger, and Cyprus as well as Turkish laurel were down. Stocks of cardamom, celery, and dill were somewhat larger.

Market Trends

Prices Advanced

Drugs

None

Other Articles

Allspice, Mexican, ½c. per lb.
Paprika, Chilean, good, ½c. per lb.
Pepper, red, chillies, Carolina longs, 1c. per lb.
Niger, 1c. per lb.

Prices Reduced

Drugs

Arnica flowers, 5c. per lb.
Fleaseed, French type, 8c. per lb.
India, 2½c. per lb.
Karaya gum, 3c. per lb.
Locust bean gum, 3c. per lb.
Papain, powdered, 10c. per lb.

Other Articles

Arrowroot, ¼c. per lb.
Clove, futures, ¼c. per lb.
Dillseed, ½c. per lb.
Ginger, Jamaica, No. 1, 1c. per lb.
Laurel leaves, Cyprus, 4c.¾ per lb.
Turkish, 2c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
244.5	244.9	244.2	262.2

Balsams

Copaiba—The market was reported as strictly routine. Demand was limited to occasional calls for jobbing quantities. Prices were steady.

Fir—Canadian balsam continued to display its recently easier undertone. Although quotations lacked further downward revision, they appeared to be subject to possible shading on occasion.

Barks

Cascara Sagrada—Recent statements regarding the necessity for maintaining Pacific Coast ship construction at a high level would appear to argue against a substantial return of labor to the task of collection this bark this year. Most manufacturing consumers carry stocks of good size in reserve, however.

Cocillana—Seasonal call for medicinals has created considerable interest in this bark and a very fair business operated in the direction of well maintained quotations.

Elm—A trifling quantity of select bark in bundles was reported locally once more but it would require little buying to move the total out of the market.

White Pine—The season for white pine compound is developing a good call for this bark which is not plentiful at any point. Undertones were strong.

Beans

Vanilla—Stocks gained to the extent of 2,027 pounds but the addition to supplies did little to relieve the overall shortage of goods that has kept consumers undersupplied for a very long period of time. It is believed that the coming shipments of bourbon beans will arrive at various times. A market of stout prices prevailed in all quarters.

Berries

Juniper—Stocks were larger to the extent of 15,289 pounds. The market was no easier nor lower as a result of the gain in supply. Undertones continued very firm and prices were thoroughly maintained.

Raspberries—Firm to strong but not especially active at the moment. Supplies were moderate in size and in the hands of strong holders.

Flowers

Arnica—Slightly lower quotations made the spot market $2.35 to $2.45 per pound when competition had a chance to get to work. A more general asked quotation was $2.40 and sales thereat were made last week.

Pyrethrum—Stocks gained in the amount of 68,579 pounds, the same being owned by a government agency. The goods will be apportioned under government allocations to quarters charged with providing goods for the military arms of the nation.

Rose—Some former suppliers look forward to obtaining replacements abroad, the quality of which will be normal for the article. Little good grade material has been available here.

Gums

Arabic—Sellers at minimum prices are taking what amounts to a firm position on the market. At least, they are rejecting bids in most instances. Sellers not meeting minimum prices in some instances are accepting the view that, for the long pull, arabic should be good property that will be salable at prices higher than spot consumers are now compelled to pay.

Karaya—Stocks gained to the extent of 1,544 packages and prices eased to 15c. to 46c. per pound, according to seller, quality and quantity. Top quality gum ranged 40c. to 46c, same basis.

Locust Bean—Decision of the Spanish government to bar further exports, except of goods sold at not less than government-specified prices, amounts to a reduction in available supplies. Hence, the market should be basically firmer but the absence of normal demand has led to some spot shading and the market is considered to be 65c. to 70c. per pound as an asked quotation. Additions to stocks totaled 40 bags.

Herbs and Leaves

Euphorbia Pil—Stocks were larger to the extent of 36 bales. The total of supply was not substantial and the general market position held firm.

Laurel—Cyprus prices slumped further, ending the week at 25c. to 26c. per pound. Turkish was also lower at 30c. to 31c.

Lobelia—Shortage is acute. Relief is impossible short of another growing season in which normal output shall be the rule.

Uva Ursi—Conditions in Spain are not particularly favorable for an uninterrupted export of this article. The tendency now is toward strength.

Wormwood—The little domestic material available is held for 50c. to 55c. per pound in strong hands. Reappearance of European material is in a distant future only.

Miscellaneous

Areca Nuts—Makers of arecoline are apparently getting into a more favorable production position. Stocks

For Current prices see alphabetical listing beginning on page 9.

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of the nuts gained to the extent of 34,406 pounds. A London trade advice of October 7 says that the Directorate of Medical Supplies has informed the British Botanical Drug Importers' Section of the London Chamber of Commerce that it proposes to recommend licenses for limited supplies during the next twelve months.

Dragon's Blood—Zanzibar dull drop was reported nominal there at about 87c. per pound. Not much was available on the spot and quotations here were considered nominal.

Papain—Further additions to available stocks totaled 94 packages. The market was plentifully supplied and the undertone was easier in company with a lowering of prices to $2.15 to $2 25 per pound for powdered material.

Roots

Arrow—Powered root packed in barrels was a shade lower at 10¼c. to 10¾c. per pound. Reports indicated that root is reaching here from Santo Domingo.

Barbasco—Stocks of powder gained by 100 cases. Those of root were up 5,000 bales. Both were for disposal on allocation orders of the government.

Belladonna—Stocks were on the short side, a fact more than sufficient to maintain a market at $1.50 per pound.

Berberis—Very little is obtainable now. And shortage is likely to continue until labor once more be normally available in the primary market.

Blood—Sales continue to shorten the unsold stocks in this and other markets. Shortage is likely to prevail until another crop season.

Rhubarb—Stocks were up 430 bags and came on a market already well supplied with prompt delivery merchandise. Prices continued to display an easy undertone.

Valerian—Stocks were more than ample for current needs and the increase of reserves, totalling 65 bags, did little to reduce the present tendency toward shading of prices.

—Continued on page 70

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Perhaps Schweinfurt Germans in 1614 were stout chaps with interiors hardier than moderns possess. For they recommended as "a gentle purge" gum gamboge which today is rated as dynamite in the field of drastic purgatives.

Native to Camboja, Siam, the first European specimen was brought from China in 1603 by Van Neck, the Dutch Admiral. And the East India Company in 1615 made its first London offering, a basket containing 13 to 15 cwt. of "Cambogium, a drugge unknown here".

Known here as mass and pipe gamboge, replacement supplies are now controlled by the Japanese who hold the export cities of Singapore and Bangkok.

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Essential Oils, Other Aromatics

Moderate activity was generally reported in the market for essential oils and aromatic chemicals last week. Most quarters stated that they were very busy but their activities appeared to be concerned with the solution of problems arising from inadequate stocks of many items and to belittle the result of a substantial volume of new orders.

Recent purchases of peppermint intended for War Food Administration lend-lease purposes have caused a mild rebellion on the part of some domestic consumers. The nubbin of contention was the fact that while lend-lease needs are bought at $7.60 per pound, domestic consumers have to pay $8 for the same quality of merchandise. To these facts were added the further information that WFA had bought as low as $7.33 and, further, that the London controlled price is about $7.45, based on $4.03 sterling exchange. Because of the wide difference in prices for lend-lease and domestic consumption, the trade is watching for the next WFA transactions in the not too plentiful wormseed oil.

It developed last week that recent arrivals of Italian oils were 90,000 pounds of bergamot, 74,000 pounds of lemon, and 1,000 pounds of orange. It now appears unlikely that the lemon will be allocated to civilian products. The orange comes to a market already oversupplied with Brazilian and other varieties. The bergamot is to go into civilian consumption at prices established as the result of conferences between members of the trade and government officials.

Geranium and vetiver oils were lower on the week as stocks were more plentiful. The first arrival of juniper oil since war closed off contact with the normal primary market was a minor market feature. Spearmint was scarce as ever. No lavender flower oil is known to have left France for this country and the market was about bare of pure oil. Cedarleaf and cedarwood were in routine request. Eucalyptus was slightly more available but all needs cannot yet be met.

Market Trends

Prices Advanced

None

Prices Reduced

Geranium, Bourbon, $1.50 per lb.
Vetiver, $5 per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
256.2	260.1	261.7	254.1

Essential Oils

Angelica—The market was very narrow and the high price prevailing for the little that it available did nothing to stimulate consumer activity.

Bay—Jobbing demand was reported to be very good but larger transactions appeared to be held in abeyance.

Bergamot—A meeting was held in New York on Monday of last week at which government and trade officials discussed prices at which the 90,000 pounds of recently imported bergamot shall be sold. Agreement was reached and OPA approved the prices suggested by the Foreign Economic Administration. Prior to the meeting, it was pointed out that the controlled price of bergamot in London is 23s. 10½d. per pound. On the basis of the pound sterling at $4.03, this figure worked out in dollars at $4.81. An official price announcement covering spot sales is expected this week.

Bois de Rose—Holding firm and not overly plentiful but still reported mainly steady at $4.50 to $4.75 per pound.

Cananga—Quiet as to demand but firm in the absence of conditions from which any substantial competition might issue.

Capsicum (Oleoresin) — Firm to firmer as sellers report stocks to be subject to a rising production cost that is in sympathy with what is being paid now for raw material.

Caraway—Demand was moderate to light and consisted mainly of requirements that were usually small. The price position held firm.

Cardamom—Prices were well maintained, reflecting in some measure the failure of raw material prices further to decline. Demand was rather light.

Cinnamon—The arrivals of replacements are conservative and irregular but they are also sufficient to keep prices to a steady position, especially as there is no weakness in the forward position.

Clove—A strong market prevailed irrespective of the lack of heavy demand for either spot or future deliveries. Large replacements of raw material will be needed to assure sufficient oil in the future. There is also the chance that imports of oil may rise.

Coriander—Business was light and so were available stocks. It was mainly a sellers' market since restoration of normal reserves seems impossible now.

Dill—Being the off season for major request, this item was dull last week but prices remained favorable but still very steady.

Eucalyptus—Nothing like a major supply of this oil was in hand but the reserves have improved of late and more dealers are able to offer at least something.

Geranium—A considerably easier undertone prevailed locally. Although not all sellers are meeting minimum quotations, competition has increased and conditions were more favorable for buyers. Algerian oil was priced at $12 to $13 per pound, and Bourbon oil was $11.50 to $12.50. Stocks were up six drums.

Ginger—The status quo continued as to availability of raw material and the cost of making oil. Combined, the two elements kept quotations to a very firm basis and virtually eliminated competition.

Juniper—The first reported arrival in many months consisted of one case.

Lavender—Flower oil continued practically nominal so far as pure material was concerned. Nor is any known to be forthcoming from liberated France notwithstanding that the trade has been successful in prying some oils out of liberated Italy.

Lemon—The War Food Administration has 74,000 pounds of Italian oil to distribute in accordance with allocation requirements; it is the quantity recently brought in by government agencies and which the trade had hoped would be allocated to civilian use. There is net much reason to believe that it will. During the week, the WFA named five members and as many alternates to serve on the California-Arizona Lemon Administrative Committee under the Federal marketing agreement program destined to regulate the distribution of lemons grown in those two states.

Lemongrass—Stocks gained to the extent of 56 drums and came to a market considered to be very steady even though spot demand was moderate for the most part.

Orange—The recent arrival of Italian oil was said to have been but 1,000 pounds and its allocation will be under the aegis of the War Food Administration. Nothing has been said regarding an OPA price ceiling on this first arrival since the beginning of the war. Stocks on spot were also larger to the extent of 120 cases and Brazilian oil showed weakness. It was further said that production of oil may start in Cuba. All that is now required to utterly weaken the spot market is for French North African oil to be forwarded to this country.

Peppermint — Considerable complaint about foreign buyers being able to buy at prices lower than domestic buyers are compelled to pay was noted last week. For example, one domestic consumer of redistilled oil who was said to have paid $8 per pound "squealed" shrilly when he learned that oil had been bought by the War Food Administration for lend-lease at $7.60 per pound. The $8 redistilled oil was made from natural oil bought at $7.50. London has a controlled price of 37s per

For Current prices see alphabetical listing beginning on page 9.

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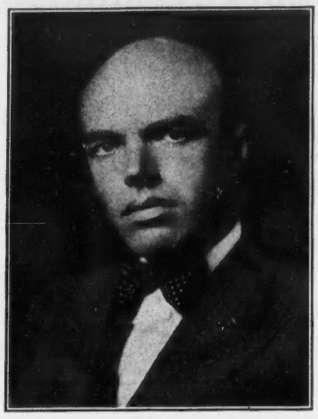
pound, the equivalent of $7.45 per pound based on sterling exchange at $4.03. However, spot dealers who face a price condition that is beyond their control do not think too kindly of oil being delivered abroad at prices lower than domestic consumers have to pay under the law and WFA has bought lend-lease oil as low as $7.33.

Sandalwood—Stocks gained to the extent of eleven cases and the oil was welcome in a market where scarcity of supply had been rather acute for some time past.

Sassafras—Stocks were 22 drums larger and the oil was in firm hands

Executive V.P.



Stephen L. Mayham has been named executive vice-president of the Toilet Goods Association. He has been serving as executive secretary.

requiring the same to apply against former commitments.

Wormseed—The War Food Administration has not been reported in the market as a lend-lease buyer since the ceiling was established but spot dealers are watching the situation closely with a view to seeing if what goes on in peppermint is repeated in wormseed. The British controlled price is $5.88 per pound based on sterling at a $4.03 and the consumer price here is $5 to $5.15 per pound.

Aromatic Chemicals

Eucalyptol—Still very firm but since raw material is slightly more available, the supply situation may eventually improve.

Heliotropine—Not overly active at the moment so far as large orders are concerned but still retaining a very firm price position locally.

Hydroxycitronellal—Production is still kept at moderate limits, resulting in a spot market in which stocks are none too plentiful and in which prices show much strength.

Linalool—Sellers report conservative stocks and a very fair sized consumer interest that works steadily to the maintenance of firm prices.

Menthol—Interest centers mainly in the coming new crop in Brazil where crop damage to the growing peppermnt was said to have resulted from the drought. American interests are in Brazil now to study the situation. Meanwhile, the spot market held unchanged.

Rheem Co. Appoints Thompson Production Head

Norman E. Thompson, formerly with Republic Steel Corporation, who joined the Rheem Manufacturing Company, New York, in January, has been appointed production manager of the nine Rheem plants making up the company's eastern division. These plants are located at Bayonne, N. J., Sparrows Point, Md., Danville and Williamsport, Pa., Birmingham, Ala., New Orleans, La., Houston, Tex., and two plants in Chicago, Ill. Mr. Thompson, a native of Michigan, graduated from Michigan College of Mines in 1919 with the degree of bachelor of science.

Magnus Discusses Postwar

"Postwar Planning—or Planning to Get Off the Post" was the topic of an address delivered by Percy C. Magnus, president of the Magnus, Mabee and Reynard, Inc., essential oils and aromatic chemicals, New York, October 17, before the Rhode Island Pharmaceutical Association, at Providence, R. I.

In his address, Mr. Magnus entered a strong plea to business men to drop smug complacency now, to stop "talking" and start preparing actual, workable plans.

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Petroleum Derivatives

Except in high solvency aromatic naphthas, wherein allocation control has to be continued in force indefinitely in order to conserve supplies of their basic materials for military purposes, there is a growing tendency on the part of the federal government bureaus charged with regulating the distribution of petroleum derivatives to release stocks of these chemicals for civilian uses on a much more liberal scale than hitherto, although the exigencies of the war are seemingly still at flood tide.

With the recent amplification of the output of the domestic oil fields and a swelling of importations from Mexico, the Caribbean and South America, there has been more crude oil available for the independent refiners to process in their plants for non-military purposes within the past forthnight than at any time in the last several months. And there has lately been a further substantial addition to the nationwide stocks of ordinary grade gasoline, since the government has at length succeeded in catching up with its gigantic daily requirements in extraordinarily high octane "gas," built up to titanic potency with natural gas and synthetic liquefied petroleum gases, known as the light hydrocarbons. A notable easing of the supply situation in light and even in heavy fuels oils has also occurred of late, to the extent that consumers and dealers in light fuel oil have been urged by the Petroleum Administration to fill their tanks forthwith, while householders who heeded the government's plea to convert their fuel oil burners to the use of coal during the 1942-1943 petroleum crisis have been informed that they may now start to reconvert to oil heating.

Solvents and Diluents

Aromatic Solvents.—Although still deeming it needful to retain its controls over both Class A and Class B solvents in this group of high solvency aromatic naphthas, in order to assure conservation of both xylol and toluol to the extent of providing adequately for war requirements in the making of aviation gasoline and high explosives, the War Production Board has not considered it necessary to order any cutting off or even curtailment of supplies of xylol to the processors of these solvents. Allocations of xylol to these solvent makers for November have been fairly liberal and generally adequate for the needs of these manufacturers and the "scare" of an impending shortage of this primary coaltar derivative, insofar as the makers of these solvents are concerned, now seems to have evanesced.

Cleaners' Naphtha.—Buying interest continues keen on both military and civilian accounts.

Lacquer Diluent.—Being bought in mounting quantities by the paint, varnish and lacquer trades, with prices well maintained.

Mineral Spirit.—Continues moving in sizable volume into consuming channels. Market strong.

Rubber Solvent.—Manufacturers of synthetic rubber still absorbing virtually the entire output. Tone firm throughout.

V. M. & P. Naphtha.—Paint trade continues buying on sizable scale with the bulk of the offerings being taken up by those engaged in war production work. Market steady.

Lighter Fractions

Butane.—Although manufacturers of high-octane aviation gasoline and synthetic rubber continue to be adequately provided for with sizable stocks of this liquefied gas, more ample provision than heretofore is now being made for its distribution for home heating purposes and for some private manufacturing processes wherein it is needed as a heating agent.

Market Trends

Prices Advanced

None

Prices Reduced

Kerosene, 45 waterwhite, Western Pennsylvania, 1/20 cent per gal.

Heptane.—Moving in steadily increasing quantities with prices strongly held.

Hexane.—Steadily expanding buying interest is being exhibited in this gas.

Octanes. — In constantly growing demand, with prices firmly held throughout the list.

Pentanes. — In mounting inquiry. Tone steady.

Propane—With conditions in the market for this liquefied gas almost exactly the same as those prevailing in butane, a steadily increasing allotment is being made for home-heating and private industrial purposes, albeit the bulk of the supply is still being taken by manufactureres of high-octane gasoline and synethetic rubber.

Petrolatums and Waxes

Amorphous Waxes—An undiminished movement of these waxes continues to be noted, with the standard process types leading in point of activity and strength.

Paraffin—Comparative ease continues to be reported in the market for crude scale and most grades of refined waxes, with the gradual waning of lend-lease shipment. There is still a marked scarcity of the higher melting points, however.

Petrolatums—still moving steadily into consuming channels, with the largest degree of activity shown in shipments of U.S.P. and technical grades. There is also a modest movement of veterinarian grades. Prices are being firmly held throughout the list.

White Mineral Oils—Although some price shading continues to be indulged in by suppliers eager to move lines in which they are overstocked, leading producers continue to hold unswervingly to their old schedules of prices and to book the bulk of the available business at their figures.

Fuels and Lubricants

Crude Petroleum — All possible moves to stimulate and amplify the yields of the domestic oilfields are being constantly made by the Office of Price Administration, outside of granting a general markup of 35 cents per barrel in the prices for crude oil in all fields. OPA has just announced an extension of the crude oil stripper well premium payment plan to cover pools where average production costs are above ceiling prices. All crude oil pools qualifying for inclusion in the stripper well premium payment plan, as of October 1, have been listed in a single document.

Gasoline—The longest pipeline for conveying natural gas has begun pumping operations this past week, and is now delivering a daily output of 200,000,000 cubic feet of this gas, from Texas fields to the heavily industrialized Pittsburgh - Youngstown-Cleveland area and to a large section in the East extending as far north as Syracuse, N. Y.

Nationwide gasoline supplies on October 28 are shown to have registered an increase of 692,000 barrels to 79,058,000 barrels, which compares very favorably with an inventory of 69,092,000 barrels at the corresponding date last year.

Fuel Oil—Nationwide stocks of light fuel oil as of October 28 have shown an increase of 503,000 barrels to 48,863,000 barrels, compared with 44,713,000 barrels a year ago while stocks of heavy fuel oil on the same date have exhibited a gain of 280,000 barrels to 64,224,000 barrels, contrasted with 63,785,000 barrels at the corresponding date last year.

Kerosene—One refiner in the Bradford-Warren district in Western Pennsylvania has reduced his quotation for 45 waterwhite grade from 6.55c. to 5.5c. per gallon, thereby necessitating a revision of the price range on this grade to 6.5-7.55c.

For Current prices see alphabetical listing beginning on page 9.

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FMC

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"FIRST FACTS"

Send for your copy of this little 8 Page House Organ full of interesting facts about your industry and listing our latest inventory.

DRYERS, COOLERS, KILNS

2—Louisville Coolers; 6' x 25'.....Ky.
1—Devine Rotary Vac. Dryer; 3' x 25'..9127/S3
1—Devine Rotary Vac. Dryer; 5' x 30'..8422
1—Buffalo Vac. Drum Dryer; 24" x 20" 9776/N2
8—Monser Rotary Kilns; 7' 6" x 60'....8579
1—Gehnrich Festoon Type Dryer; 56" x 9' 7" x 20' 6"....8671
1—Proctor & Schwartz 50' Apron Dryer with 3 fans....Pa.
1—Rogers Spray Dryer (750 lb. Skim Milk per hour)....N. Y.
1—Ruggles Cole Direct Heat Rotary Dryer; 4' x 20'....Mass.

EVAPORATORS

2—Swenson 6' Cast Iron Evaporators with jet condensers....9882
2—Swenson and Zaremba 4' Evaporators with jet condensers....N. Y.
1—Triple Effect Copper Evaporator; 7' 6" dia., 1,500 sq. ft. ea....Tenn.
1—Single Effect Copper Evaporator; 10' dia. Tenn.
1—Swenson No. 11 Triple Effect; 630 sq. ft. N. Y.
1—Struthers Wells C.I. Triple Effect; inclined type....N. Y.
1—Aluminum Jacketed Vacuum Evaporator; 40" x 58"....9903/H3
3—Copper Jacketed Vacuum Evaporators; 40" x 60"....9908/H4-5-6
1—Copper Jacketed Vacuum Evaporator; 6' x 6' 8"....9906/H1

MIXERS

1—J. H. Day Imperial Mixer 3 BBL. double sigma arm; tilting....9674
7—Day, Triumph, Peerless, Ross Dough or Mass Mixers, 1 to 5 BBL....N. Y.
1—W. & P. Baker Perkins 250 gal. Double Fishtail Blades....9890
1—Broughton Double Arm Mixer, 4'6"x4'x2', 885i
2—J. H. Day 175 Gal. Jacketed Mixers; cross paddle type....9037
3—Heavy Duty Jktd. Barber Mixers, 50 cu. ft. asphalt, similar material....7864
1—Fowler & Rockwell 3 BBL. water jacketed mixer....4393
15-New FMC Dry Powder Mixers, ribbon spiral type, 300 to 3000 lbs....Series 100
2—J. H. Day 100 lb. Sifters and Mixers...149
1—Day 3000 lb. Jacketed Ribbon spiral type Mixer....Ohio
1—Sprout Waldron Vertical Powder Mixer; 4'x10', 3000 lb....N. Y.
3—New FMC Tumbling Type Batch Mixers, 2 cu. ft. to 60 cu. ft....Series 200
1—Patterson Type E steam jacketed Liquid Mixer, 54"x34"....Colorado
6—Ross and Day 15 Gal. Pony Mixers..N. Y.
1—Abbe Lenart No. 4 Mixer, 55 gal....8832
1—Ross Two Station Post Mixer; shafts 53" long; Belt Drive....8832

KETTLES

1—Frederickling Cast Iron 1500 Gal.; 8'4"; Jktd., Agitated....9326
6—Vert. 1000 Gal. Jktd. Agit. Cast Iron Kettles; Manhole type....8675
1—Steel Jacketed & Agitated 500 Gal. Open Top Kettles; 51"x61"....9878
2—Glass Lined 750 Gal. Jacketed Kettles (1 with glass coil)....9665
3—Glass Lined & Agitated Kettles, 200 and 300 Gal....Stock
3—Copper Jacketed Vacuum Kettles; 40"x60" 9908
8—Aluminum Steam Jacketed Kettles; 20 to 60 Gal....Stock
22-Copper Steam Jacketed Kettles from 25 Gal. to 1000 Gal....Stock
4—Cast Iron Jacketed Kettles 25 Gal. capacity Stock

AUTOCLAVES

1—Valley Cast Iron Autoclave; 24"x24"; Jktd. Agitated
1—Lead Lined 500 Gal. Autoclave; Jktd. Agitated....108
1—Horizontal Autoclave; 6'4"x15'; bolted door; good for vacuum; with steam coils....9549
1—A. O. Smith high Pressure Rubber Curing Chamber; 18" Dia. x 20' long; with steam coils....Conn.
3—Jacketed Autoclaves, 36"x12'....Mass.
1—Devine C.I. Autoclave; 42"x60"; Jktd., Agitated....N. J.
3—High Pressure Autoclaves; 6'x21'; 1½" wall....Tenn.

VACUUM PANS & STILLS-COLUMNS

1—Glass Lined Jacketed Still; 3000 gal. 56" dia....9725 F2
1—Nickel Still with accessories; 4' x 4'..N. J.
1—Pfaudler Model B Glass Lined Vac. Pan; 48" x 74"....9949
1—Aluminum Jacketed Vacuum Pan; 40" x 48" 9906/H3
4—Copper Jacketed Vacuum Pans; 40" x 68" 9908
1—Copper Jacketed Vacuum Pan with acc. 54" x 52"....9176
1—Copper Jacketed, Agitated Still; 33½"x35"; 6523
1—Copper lined Jacketed Vacuum Pan..S 106
1—Horizontal Steel Still, 2000 gal., 5'x12'x4", dished heads....9326
1—Badger Vertical Steel Ether Still, 18"x51", 9026
1—Steel Jacketed Still Pot; 66"x41"..9026/P2
1—Copper Jacketed and Coiled 5' Vacuum Pan. N. Y.
1—Aluminum Resin Still, S.S. bottom 4'x4'x6' with agitator....Ohio
1—Copper Distillation Column, sectional; 27"x23'....837
1—Copper Rectifying Column, 38"x37', with auxiliaries....N. Y.
Several Barnstead Polar and other water Stills, steam and Gas Operated.

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OUR PARIS correspondent specialized for 25 years, is reestablishing its business activity and organization in the European market for import of first-class U. S. A. products and vice versa for export of European products to the Americas. We are ready to contact here producers who are interested in organizing their business on the basis of an exclusive agency for Europe. References furnished. OPD 516.

CINCINNATI FIRM selling to various industries including paint, ink, rubber and paper manufacturers in this section for 25 years will consider one or two additional items offered by actual producers. OPD 504.

EUROPE—POSTWAR—well-known chemical exporters will reopen European offices. Invite sales distributing agencies of first-class American pharmaceutical and industrial chemical manufacturers who are desirous of reopening trade with Europe. OPD 513.

AGENTS WANTED

WANT INDIVIDUAL or concern with or without capital investment having established contacts to market patented, new, proved germicide, antiseptic, fungicide and disinfectant. Unlimited sales, unusual profit possibilities. (I.D.C.) Div. American Bandage, 225 West Ohio street, Chicago.

EQUIPMENT OFFERED

GOVERNMENT CONTRACT cancellation releases:—Stokes Smith 2 station automatic powder filler; several powder mixers, Gedge Gray, Day 1,000-1,500 capacity; 200 gallon copper jacketed vacuum pan; Day 100 lb. sifter-mixer; mikro-pulverizers No. 2-3; 40 gallon pony mixer; Abbe pebble mill; bucket elevator; 2 40" stainless steel extractors. OPD 507.

FILTER PRESS, Sperry, iron, closed delivery, 28 each, plates and frames 30" x 30"; also pump with explosion-proof motor for same; good as new. Wood-finishing Products Company, 34 Industrial street, Bronx, New York City.

EQUIPMENT WANTED

HARD SHELL capsulating machines, Arthur Colton manufacture, for size 00 and No. 1 capsules. Write price and particulars to Ryer Dietary Supplements Company, P. O. Box 187, Lynwood, Calif.

ROTARY VACUUM dryer wanted, approximate size 400 cubic feet. State full particulars, no dealers. Send offering OPD 475.

SMALL RECTIFYING column complete with pan. Capacity 25 to 50 pounds per hour. Aluminum or stainless steel. Suitable for fractional distillation of essential oils. OPD 497.

EQUIPMENT WANTED

PRESS suitable for large and small paradichlorobenzene and naphthalene blocks; semi or completely automatic. OPD 506.

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to OPD 514.

PRESS WANTED, semi or completely automatic for making small and large naphthalene or paradichlorobenzene blocks. Write direct to Naphthalene Products Co., P. O. Box 128, Tarrant, Alabama.

WANTED—Kane 10 H.P. gas fired boiler complete in excellent condition, also 36" cast iron closed delivery steam heated filter press. OPD 517.

MATERIALS OFFERED

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WANTED—Refined naphthalene flakes, rice, chipped and ball sizes; paradichlorobenzene; synthetic gum camphor, large or small lots. Quote best delivered prices New York, N. Y. OPD 505.

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. OPD 515.

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COLOR MATCHER—Attractive position open to aggressive man with knowledge of printing inks, varnishes, dry pigment colors. Chemical knowledge desirable. State nature nd length of experience. Box 912-A, 349 East 149th street, Bronx 51, N. Y.

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WANTED—Small but substantial New York City paint manufacturer requires a practical paint maker with good experience and knowledge of the business. Want a man who is willing to do some actual work himself. Please write experience. OPD 508.

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CHEMICAL TRADER with good purchasing contacts for domestic and export trade, profit-sharing proposition without investment. OPD 510.

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POSITIONS WANTED

CHEMICAL SALES manager experienced in heavy chemicals, oils, waxes, gums, dyestuffs, etc.; also as branch office manager or purchasing agent; references. New York or New Jersey area. OPD 503.

BACK THE ATTACK—BUY AN ADDITIONAL BOND TODAY

U.S.P. Policy on Patents And Status of Amphetamine

The scope policy of the United States Pharmacopeia for many years has been to exclude products which are secret in composition, says a statement authorized by the board of trustees, but to give recognition to non-secret substances which are patented or trademarked where, in the judgment of the subcommittee on scope, these meet the standards for therapeutic usefulness established for the pharmacopeia. The policy followed by the pharmacopeia in such cases is to announce publicly such items as are recommended for admission by the subcommittee on scope and to invite the owners of such products to review the proposed U.S.P. monographs and offer criticisms and suggestions. In the opinion of the U.S.P. Board of Trustees, pharmacopeial recognition does not in any way affect any trademark or patent rights granted the owners under United States trademark or patent laws.

The U.S.P. Board of Trustees has also followed the policy of advising the revision committee that controlled products which have been approved for U.S.P. admission by the subcommittee on scope should not be included in the pharmacopeia when the owner or owners so request. The effect of this policy is illustrated by the action of the revision committee in omitting amphetamine (benzedrine) from U.S.P. XII, even though its admission was recommended by the subcommittee on scope, because the firm controlling the patents asked that it be excluded. The subcommittee on scope has again recommended the admission of amphetamine in the forthcoming U.S.P. XIII, but it will not be included if those controlling the patents disapprove.

SPECIALS!

1—W. AND P. 100 GAL. JACKETED MIXER, SIGMA BLADES.

1—No. 5 Sweetland Filter, stainless steel lined, with 15 stainless steel leaves on 4" centers.

1—No. 5 Sweetland Filter, with 20 leaves on 3" centers.

1—Sharples No. 6 Centrifuge, stainless steel bowl.

1—Manton Gaulin Stainless Steel Homogenizer, 500 gph.

5—Swenson Walker Continuous, Jacketed Crystallizers, 24"x30'.

1—Day 300 gal. Aluminum Lined Jacketed Mixer.

2—6'x5' JACKETED CLOSED PRESSURE KETTLES.

2—JACKETED STILLS, 500 AND 350 GAL. WITH STEEL COLUMNS AND CONDENSERS.

4—JACKETED, AGITATED STEEL KETTLES, 650, 600, GAL.

1—W. & P. 150 GAL. STAINLESS STEEL LINED MIXER.

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2—Colton No. 2-B Single Punch Tablet Machines.

2—Stokes RDS3 Rotary Tablet Machines, 1¼" dia.

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1—Patterson 5'x4' Silex Lined Pebble Mill, motor-driven.

5—J. H. Day 80-gal. Lead Mixers, single and twin.

1—Struthers Wells 2200 sq. ft. Triple Effect Evaporator.

1—Houchin 3' Glycerine Single Effect Evaporator.

1—Shriver Diaphragm Pump, 45 gpm, 3 HP motor.

1—Oliver Rotary Filter, 5'x8'.

5—Shriver and Independent 24", 36", 42" Wood Filter Presses.

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12—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top. bottom discharge.

3—Hersey Rotary Dryers, 5'x30'.

1—Copper Rotary Dryer, 6'x17'.

2—Scott 4'x8' Vacuum Cookers.

1—BUFFALO 24"x20" VACUUM DRUM DRYER.

6—Rotary Dryers, 4'x30', 6'x42', 6'x60', 6'x65'.

1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.

1—Jeffrey Hammer Mill, 24"x18".

3—Roller Mills, 9"x24", 12"x30"

1—Copper Vacuum Pan, 50 gal.

2—1750 gal. Lead Lined Tanks.

10—Condensers, 20 to 300 sq. ft.

5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.

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1—Raymond No. 10 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
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2—Dopp 50 & 80 gal. Jack. Agit. Kettles.
1—350 gal. Copper Jack. Vac. Still and Receivor.
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1—600 gal. Steel Copper Lined Agit. Tank.
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20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
4—Single Punch Preform Tablet Machine, ¼" & ⅝".
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3—Homogenizers, 7½ & 10 HP.
25—Hydr. Presses, Pumps and Accumulators.
1—Dunning & Boschert 2000 lb. Double Arm Steel Powder Mixer.
2—Blystone 2,000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Coombs Gyratory Sifter, 1/3 HP.
1—Robinson 20" M.D. Attrition Mill.
1—Howe Barrel & Bag Packer.
2—4,000 gal. Vert. Acid Proof Tanks.
2—Devine 8"x6" Horiz. Vac. Pumps.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vac. Pumps.
2—DeLaval Separators, Lab. size & No. 302.
3—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
3—Tolhurst 24", 36" & 40" Centrifugals.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel & Wood Tanks, up to 4,000 gal.
2—Schutz-O'Neil 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
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6—Gas Boilers, 1 to 10 HP.

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Shriver C. I., P. & F. Filter Press, 36".
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"Buflovak" Vac. Drum Dryer, 24" x 20".
"Buflovak" Vac. Drum Dryer, 48" x 40".
Two Truck Dryer, 7' W. x 6' D. x 6' H.
Wolf Dryer, 6 Flights, 8" dia., 12' L.
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Abbe Pebble Mill, 5' x 6', Silex Lined.
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1—2460 gal. 7'3" dia. x 7'3" deep, Iron Body, Steel Jacket Turbine Agitator, Speed Reducer, 15 H.P. Motor.

1—2400 gal. 7'10" dia. x 6'8" deep, Iron Body, Heating Coils, Two Blade Agitator, Speed Reducer, 15 H.P. Motor.

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1—Colton Ossilating Granulator.
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Portland 9, Oregon

Botanical Drugs

—Continued from page 64

Seeds

Anise—Stocks of Mexican root prove sufficient to care for prompt requirements of most buyers.

Caraway—Considerable effort is being made to push the sale of domestic and Canadian seed—which is said closely to resemble the Dutch article.

Cardamom—Undertones were rather easy in a market of quiet and also narrow sort. Stocks gained to the extent of 153 cases.

Celery—More goods were available; stocks were up 3,670 bags. Prices held, being already on the low side.

Dill—An increase of 1,886 bags in stocks accompanied a price drop to 13¼c. to 13¾c. per pound.

Flea—talk about domestic seed grown in Arizona being pressed for sale more actively than in the past was noted last week. French style material, obtained from Spain, was priced at 62c. to 64c. per pound and the blonde seed from India was lower at 11½c. to 12c. Stocks were 585 bags larger.

Spices

Allspice—Mexican material was higher at 18c. to 18½c. per pound. Future shipments were priced at 16¾c.

Clove—November-December futures were lowered to 16½c. to 17c. per pound for Zanzibar goods, and the Madagascar spice in the same position was quoted at the same level.

Ginger—No. 1 Jamaica was lower at 25c. to 26c. per pound. No other price changes reported in the ginger group.

Paprika—Good Quality Chilean continued to advance, ending the past week at 28½c. to 29c. per pound. Portuguese and Spanish goods were very firm at the late advances.

Pepper—Whole black pepper was priced at 10c. per pound in 15 ton lots; 50 to 100 bags, 10½c.; 4 to 24 bags, 11c. To the above prices OPA permits the addition of certain charges to cover the total of sellers' expenses in effecting a delivery. In red peppers, Carolina longs were higher and nominal at 30c. per pound; Congo also at 25c.; likewise Niger at 23c.

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QUINCE SEED
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ACID, CRESYLIC—290 dms
ARECANUTS—34,406 lbs
ASBESTOS—1,272,810 lbs
BALSAM TOLU—9 cs, Isaacs Mezrahi
6 cs, Wessel, Duval & Co
BARBASCO, POWD—100 cs, United States Commercial Co
ROOT—5,900 bls, United States Commercial Co
BARYTES ORE—4,075 tons
BLEACHING POWDER—5,300 dms
BONES, CRUSHED—750 bgs, 75,000 lbs, Kind & Knox Gelatine Co
111,875 lbs
BRISTLES, HOG—200 cs
CAFFEINE, ANHYDRATE—100 bbls, Lo Curto & Funk
CARDAMOM—55 cs, 7,150 lbs, C T Wilson & Co
25 cs, 3,250 lbs, L & H Millen
18 cs, 2,340 lbs, Knickerbocker Mills Co
55 cs, 7,150 lbs, W E Martin
CASEIN—5,429 bgs, 705,770 lbs, American Cyanamid & Chemical Co
2,453 bgs, 318,890 lbs, Hercules Powder Co
1,000 bgs, 130,000 lbs, H S Cramer & Co
1,671 bgs, 217,230 lbs, Wm Diehl & Co
CASHEW KERNELS—128 cs, 6,400 lbs, Irving Trust Co
153 cs, 7,650 lbs, H A Higgins & Co
420 cs, 21,000 lbs, T M Duche & Sons
35 cs, 1,750 lbs, Biddle Purchasing Co
100 cs, 5,000 lbs, Braun Importing Co
25 cs, 1,250 lbs, L Demartini
25 cs, 1,250 lbs, Abel Reggio
305 cs, 15,250 lbs, W A Camp & Co
125 cs, 6,250 lbs, D Hecht & Co
75 cs, 3,750 lbs, Pandaleen Bros
50 cs, 2,500 lbs, Sokol & Co
408 cs, 20,400 lbs, General Food Corp
SHELL LIQUID—136 dms, United States Commercial Co
CASTOR BEANS—1,728 bgs, 259,200 lbs, Guaranty Trust Co
1,694 bgs, 254,100 lbs, Baker Castor Oil Co
3,120 bgs, 468,000 lbs, Spencer Kellogg & Sons
CELERY SEED—367 bgs, 47,710 lbs, Otto Gerdau Co
CHALK, PRECIPITATED—400 bgs, H J Baker & Bro
CINNAMON—62 bls, 6,200 lbs, Volkart Bros
52 bls, 5,200 lbs, A G Dunn
89 bls, 8,900 lbs, C T Wilson & Co
205 bls, 20,500 lbs, Catz American Co
COBALT, WHITE—6,405 ingots, African Metal Corp
COCOA BEANS—1,300 bgs, 260,000 lbs, General Cocoa Co
900 bgs, 180,000 lbs, Royal Bank of Canada
200 bgs, 40,000 lbs, Wessel, Kulenkampf & Co
7,840 bgs, 784,000 lbs, Machado & Co
8,130 bgs, 813,000 lbs, Curacao Trading Co
COPRA—4,482,786 lbs
415 bgs, Bank of Montreal
20,217 bgs, United States Commercial Co
800 bgs
CREOSOTE DISTILLATE—79 dms
DILLSEED—260 bgs, 33,800 lbs, W Loewy
340 bgs, 44,200 lbs, East India Trading Co
700 bgs, 91,000 lbs, Becker Mayer Co
350 bgs, 45,500 lbs, Joe'l Bieler Export & Import Co
350 bgs, 45,500 lbs, J Golodetz
500 bgs, 65,000 lbs, Wagner Bros Feed Corp
260 bgs, 33,800 lbs, W Goetzel
80 bgs, 10,400 lbs, Wm M Allison & Co
EUPHORBIA—36 bls, S B Penick & Co
FLEASEED—130 bgs, Peek & Velsor
HUSK—229 bgs, R J Prentiss & Co
216 bgs, T M Duche & Sons
GLUESTOCK—30 bls, H Remis & Co
27 rolls, H Remis & Co
GRAPHITE—427,650 lbs
GUM, COPAL—1,801 bgs, G W S Patterson & Co
1,400 bgs, S Winterbourne & Co
1,400 bgs, Gillespie-Rogers-Pyatt Co
900 bgs, Thurston & Braidich
2,700 bgs, O G Innes Corp
400 bgs, Guaranty Trust Co
1,200 bgs., O G Innes Corp
KARAYA—180 bgs, Innis, Speiden & Co
1,100 bgs, Jacques Wolf & Co
130 bgs, Thurston & Braidich
67 bgs, Wm M Allison & Co
67 bgs, Gold Medal Haarlem Oil Co
1 cs, F W Mead & Co
OLIBANUM—100 bgs, Frank Vliet Co
100 bgs, Peek & Velsor
HAIR, CATTLE TAIL—20 bls, F P Woll Co
75 pkgs, Brush & Weaving Hair Mfg Co
GOAT—5 bls, J Henry Schroeder Banking Corp
HORSE TAIL—100 cs, Philadelphia National Bank
IRON OXIDE—300 bgs, Reichard Coulston, Inc
JUNIPER BERRIES—15,289 lbs
LICORICE ROOT—92,593 lbs
LOCUST BEANS—40 bgs
MENTHOL—95 cs, Brown & Williamson Tobacco Co
360 cs, McKesson & Robbins
45 cs, J Berlage Co
70 cs, C L Huisking & Co
25 cs, Vick Chemical Co
100 cs, S Rubinrant
20 cs, Hudson Shipping Co
3 cs
MICA—315 cs, United States Commercial Co
SPLITTINGS—509 cs
MYROBALANS—975 bgs, Barkey Importing Co
800 bgs, American Dyewood Co
OIL, CASTOR—240,000 kilos, United States Commercial Co
CITRONELLA—32,353 lbs
8 dms, Orbis Product Corp
8 dms, Wessel, Duval & Co
11 dms, Volkart Bros
COCONUT—1,017 tons, United States Commercial Co
COD—365 dms, Scandinavian Oil Co
CROTON—3 cs, Fritzsche Bros
4 cs, Magnus, Mabee & Reynard
FUEL—854,515 lbs
GERANIUM—6 dms, Rohner, Gehrig & Co
25,443 lbs
JUNIPER—1 cs
LEMONGRASS—16 dms, E I du Pont de Nemours Co
2 dms, J H Lyon & Co
2 dms, Trubek Laboratory
5 dms, Irving Trust Co
10 dms, S B Penick & Co
11 dms, Givaudan Delawanna
5 dms, W J Bush & Co
5 dms, Maywood Chemical Works
OITICICA—300 dms, L N Jackson & Co
400 dms, Brazil Oiticica, Inc
ORANGE—120 cs, Simons & French
PALM—1,255,573 kilos, Balfour, Guthrie & Co
PEPPERMINT—32 cs, McKesson & Robbins
SANDALWOOD—11 cs, Givaudan Delawanna
SASSAFRAS—22 dms, Orbis Product Corp
TUCUM—530 bbls, E F Drew & Co
PAPAIN—20 cs, McKesson & Robbins
30 cs, American Ferment Co
18 half cs, Kachurin Drug Co
20 half cs, R J Prentiss & Co
PYRETHRUM FLOWERS—408,579 lbs
RESIN, VEGETABLE—100 cs, Pan American Rotenone Co
100 cs, T A Desmond & Co
RHUBARB—125 bgs, Peek & Velsor
125 bgs, Wessel, Duval & Co
50 bgs, Max Van Pels
130 bgs, Kachurin Drug Co
SANDALWOOD—100 bgs, 14,000 lbs, Murphy & Beese
SHELLAC—892,150 lbs
SODA, MONOHYDRATE—500 bgs
TAPIOCA FLOUR—10,074 bgs
TUCUM KERNELS—1,500 bgs, Durkee Famous Food
1,600 bgs, E F Drew & Co
VALERIAN ROOT—65 bgs, Kachurin Drug Co
VANILLA BEANS—2,027 lbs
WATTLE BARK—224,040 lbs
WAX, BEES—140 blocks, Koster Keunen Mfg Co
121 bgs, Schutte & Focke
18 bgs, Curacao Trading Co
30 bgs, Irving Trust Co
130 bgs, Geck Trading Co
50 bgs, Analy Corp
35 bgs, Royal Bank of Canada
50 bgs, Machado & Co
CARNAUBA—32 bgs, Wessel, Duval & Co
750 bgs, S C Johnson & Son
172 bgs, Enco Chemical Co
38 bgs, Strohmeyer & Arpe Co
189 bgs, Innis, Speiden & Co
338 bgs, American Cyanamid & Chemical Corp
125 bgs, Brown Bros-Harriman Co
63 bgs, Manufacturers Trust Co
197 bgs, Marine Midland Trust Co
137 bgs, Wm M Allison & Co
66 bgs, T G Cooper & Co
150 bgs, Smith & Nichols
100 bgs, Baird & Rubber Trading Co
336 bgs, Boyle Midway Co
329 bgs, Wm Diehl & Co
310 bgs, Wessel, Duval & Co
295 bgs, W R Grace & Co
382 bgs

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For general industrial use where non-flammable or moderately flammable solvents are indicated. Powerful, highly penetrating solvents for fats, oils, waxes and other organic material, easily removed from extracted residues by distillation.

	Boiling Range, °C	Lbs. per gal.
Methylene Chloride (Dichlormethane)	39.3–40.1	11.08
Chloroform, U.S.P. & Technical	60.4–61.4	12.43
Carbon Tetrachloride, U.S.P. & Technical	75.2–76.1	13.31
Trichlorethylene	86.5–87.5	12.30
Perchlorethylene (Tetrachlorethylene)	120.5–122.0	13.55
Tetrachlorethane (Acetylene Tetrachloride)	146.3*	13.31
Pentachlorethane	161.9*	14.00

*Approximate boiling point

At present, use of these solvents, with some exceptions, is limited to war production. Limited amounts, however, are available for research and experimentation. Consult our nearest district office for technical information and changes in the supply situation. Baltimore, Boston, Charlotte, Chicago, Cleveland, Kansas City*, New York, Philadelphia, San Francisco. Or write direct to: E. I. du Pont de Nemours & Co. (Inc.), Electrochemicals Department, Wilmington 98, Delaware.

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